

“CANTON”

LINE

STEEL

CEILINGS

Catalog E

Canton Line

STAMPED STEEL CEILINGS



We illustrate in this book a few of the most popular designs of our ornamental steel ceilings and side walls. Our aim has been to continually improve our product and with this idea in mind we originated the Steel Ceilings with the Repressed Beads and Die-cut Nail Holes, which are repressed and die-cut on tool steel dies, accurate to 1-1000 part of an inch. This makes the best construction that is offered today.

With increased facilities and improved machinery we are enabled to produce a higher grade product at a reasonable price. With our construction a better job of workmanship is produced with a minimum amount of labor.

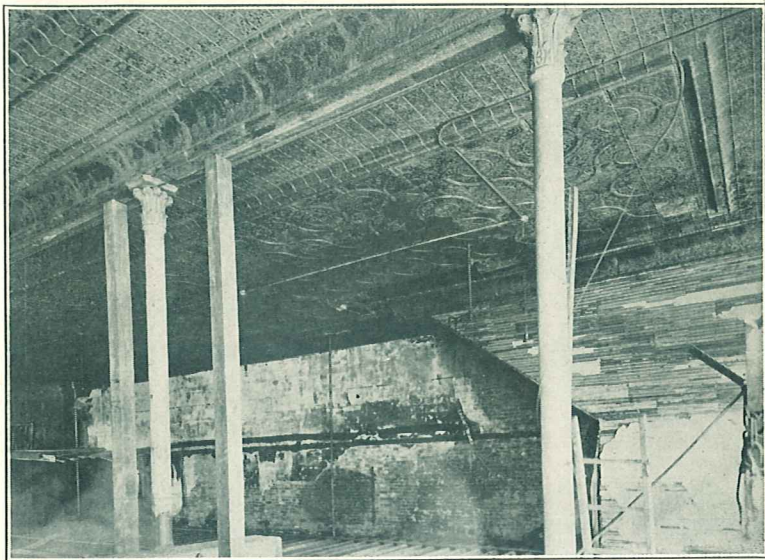
We carry large quantities of finished product in stock for prompt shipment. We solicit your inquiries and orders.

THE CANTON STEEL CEILING CO.

497-501 West Street, corner of Jane St.
New York, New York

Factory at Canton, Ohio

Steel Ceiling a Fire Retardent



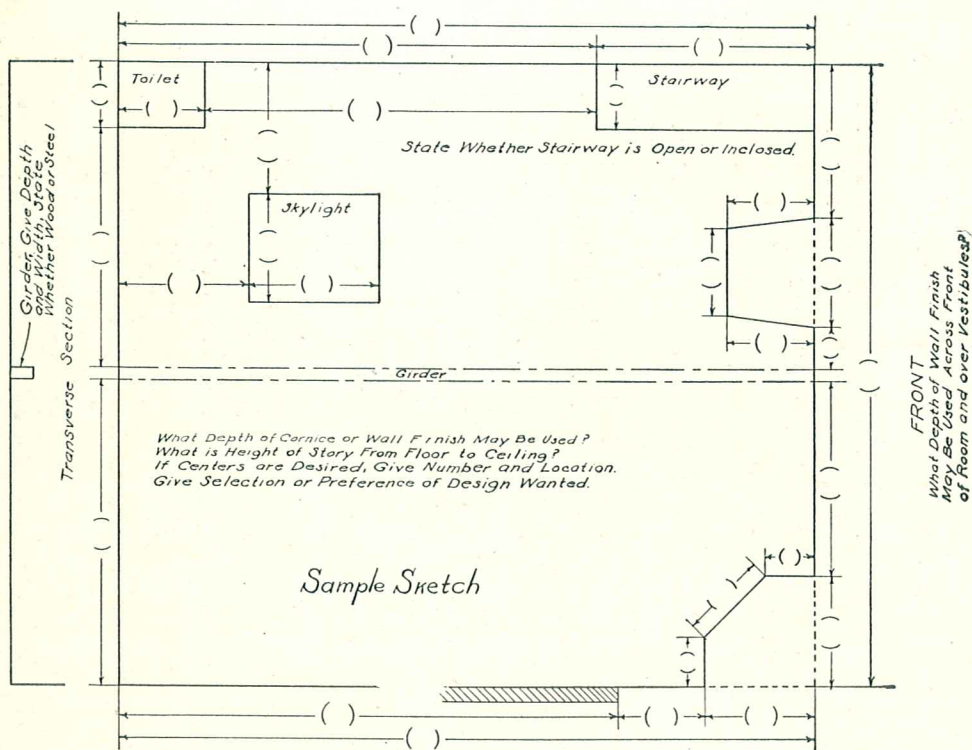
This illustration is from an actual photograph of a store room after a disastrous fire, at Davenport, Iowa. Please note the effect on the plaster side walls, where the fire has exposed the lath, the metal ceiling remaining intact, confining the fire to lower floor, and saving the building from destruction.

Much has been claimed for steel ceilings as a fire retardent and to get definite authentic information on this subject, an official test was made by The Columbia University Fire Testing Station at Greenpoint, Brooklyn, New York, November 11, 1914, under the auspices of The Fire Underwriters. Steel Ceilings resisted 1,369 degrees Fahr., for over one hour and ten minutes, the entire duration of the test. The wood and plaster ceilings collapsed in twelve minutes after the fire was started, the heat having risen only to 849 degrees. This determined conclusively the superiority of steel ceilings and the fact that they would remain in place five or six times longer than wood lath and plaster ceilings under intense heat.

The advantages of Steel Ceilings over wood and plaster are apparent. They give almost perfect protection against fire, water, dust, vermin and rodents; they do not crack and never shrink, warp, peel or fall off.

Steel Ceilings and Side Walls completely satisfy the need for a non-combustible, decorative and durable finish for all buildings, whether public, churches, theatres, court houses, business blocks, shops, garages and especially for private residences.

The development and expansion of the Steel Ceiling industry in the past twenty years proves conclusively that the Architect, Contractors, Owners, and the Public generally have been quick to appreciate and utilize the advantages of Steel for Ceilings and Side Walls which combine ornamental features with perfection in construction and durability in service. Steel Ceilings are not only the proper protection for new buildings but are being used quite extensively to replace other types of Ceiling, such as plaster and wood, due to their superior advantages and appearance.



Directions for Ordering Metal Ceilings

Most of our customers now list and order material required for their work, but if we are called upon to prepare working drawings, it is absolutely necessary that accurate information be given in regard to the size and shape of room to be ceiled.

We prefer to have a diagram or sketch of the room, showing all angles and off-sets, such as chimneys, skylight openings, girders, beams, posts, etc. Be especially careful to give the exact measurements of all sides of room and the location and size of all off-sets, openings, etc. If any beams project below ceiling, locate same and give size of the face and the depth, and state whether wood or iron. Subdivided measurements should always equal total measurements of length or width of room.

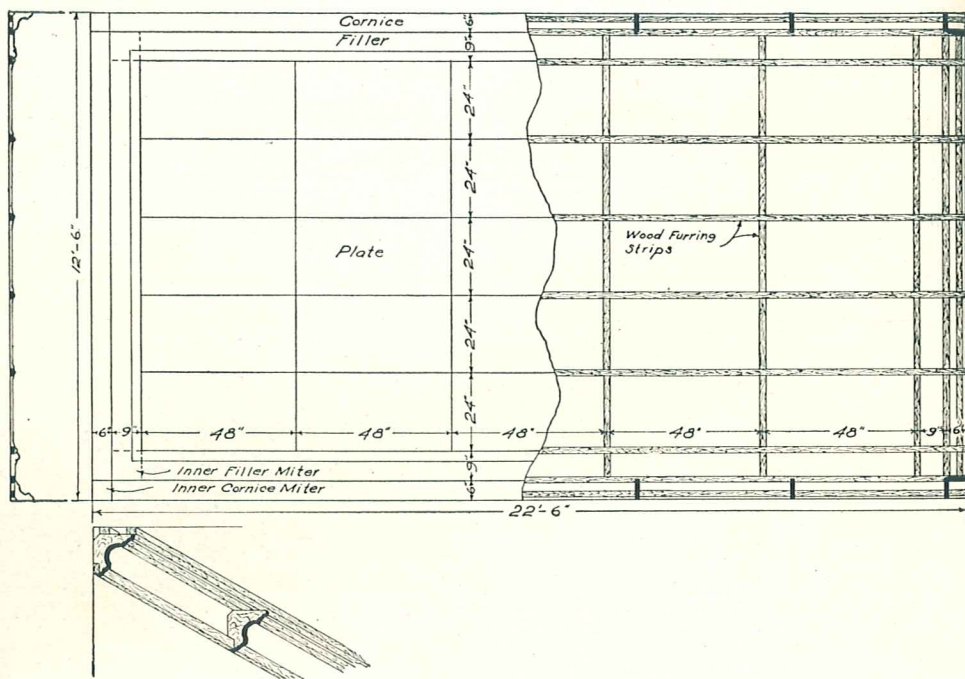
Give the size of Cornice to be used and state whether same can be used on all sides of the room, or if a smaller Cornice or Mould is to be used across openings or windows that extend to the ceiling.

Designate plainly spaces that are **not** to be ceiled with metal.

Too much care cannot be exercised in furnishing proper dimensions and correct information in regard to Ceiling wanted. Measurements once planned to a design and afterwards changed, will in most cases work a hardship in the erection.

If the Side Walls are to be covered, give the height of walls and measurements of all openings and off-sets.

Be sure to indicate preference as to design for both Ceiling and Walls, and if possible give preference of a second and third choice. If left to our judgment we will furnish what we think should be appropriate, taking into consideration the size and shape of rooms and the kind of occupancy.



Directions for Erecting Steel Ceilings and Side Walls

Before commencing to erect the material, verify all measurements and study carefully, the working plan. It is very important that the ceiling erector understand the working drawings before commencing the work.

Most ceiling contractors make their own working plans. Proper working plans are supplied, if requested, which are prepared from information and measurements furnished. If the proper information is not furnished in the matter of measurements of stairways, skylights, or other obstructions, discrepancies will occur, for which we will not be responsible.

To establish a starting line, strike a chalk line through the center of the room lengthwise. For flat back ceilings we recommend the following method for placing the wood furring strips. Place the first wood strip on the starting line and parallel to the same, and additional strips 12 inches

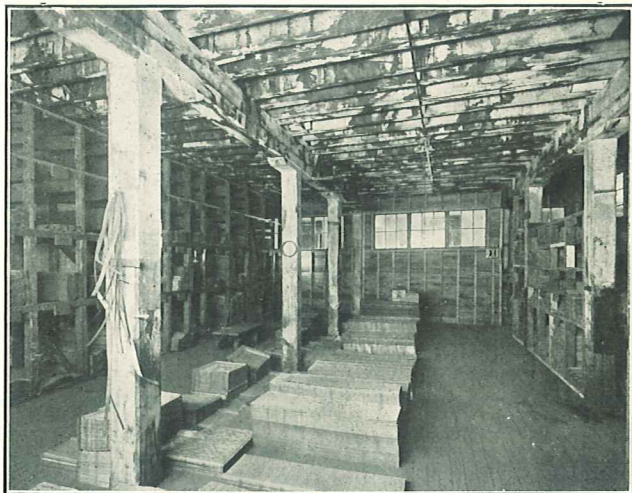
on centers for plates of 6 or 12 inch multiples, and for such 24 inch multiple plates that are not sufficiently rigid to carry their weight, without buckling or sagging. For all other 24 inch multiple plates, place wood furring strips 24 inches on centers. In case the starting line comes in the center of a plate, start the first wood strip 6 inches for 12 inch stripping, and 12 inches for 24 inch stripping either way from starting line. Cross furring or headers must be inserted at the end of each sheet. It is essential that furring strips lengthwise and crosswise of the room be centered exactly with the nailing points of the ceiling plates. Where necessary the wood furring is to be leveled or straightened by inserting a wedge, or by nailing a strip of wood to the side of the joist.

Should wood strips be furnished in connection with the steel ceiling, the necessary amount required will be based on the above method of construction.

Cornices are to be applied with the use of wood brackets furnished for that purpose, one wood bracket to every section of cornice, and extra brackets for mitres. If the erector notches or dove tails the joints of cornice, wood brackets will not be required.

In most cases the field, the border and the filler should be placed in the order as named. The last operation is the placing of the cornice. In putting up the cornice, strike a chalk line at the proper distance from the wall where the top bead is to come. The top of the cornice is nailed in position first so as to take care of any unevenness of the walls, otherwise the cornice will not lay up straight.

Stamped mitres for inside and outside cornice are furnished for certain cornices, but these can be used for right angle mitres only. For other angles, the ceiling erector will have to make or cope mitres on the job. The working plans will indicate the width of the cornice, filler, border and moulding and will guide the erector in placing the furring strips.



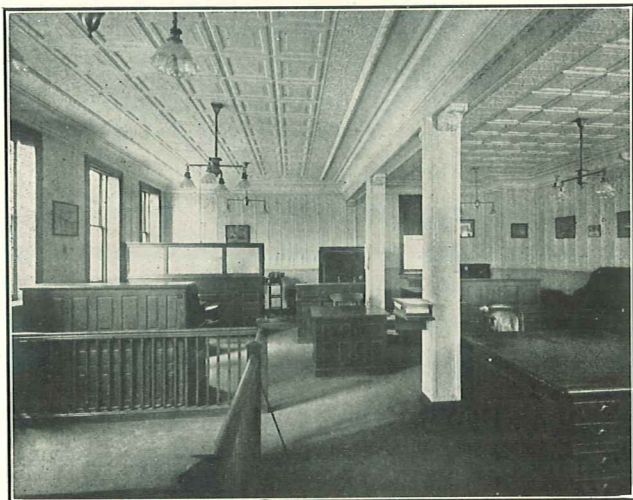
Before

The accompanying illustrations from actual photographs (not retouched) show the wonderful improvement that was made in the appearance and usefulness of an old water streaked warehouse which was converted into a modern business office by covering the rooms with "Canton Steel Ceilings and Side Walls." This is only one of many instances where changes of this nature have been made possible by using the modern interior finish.

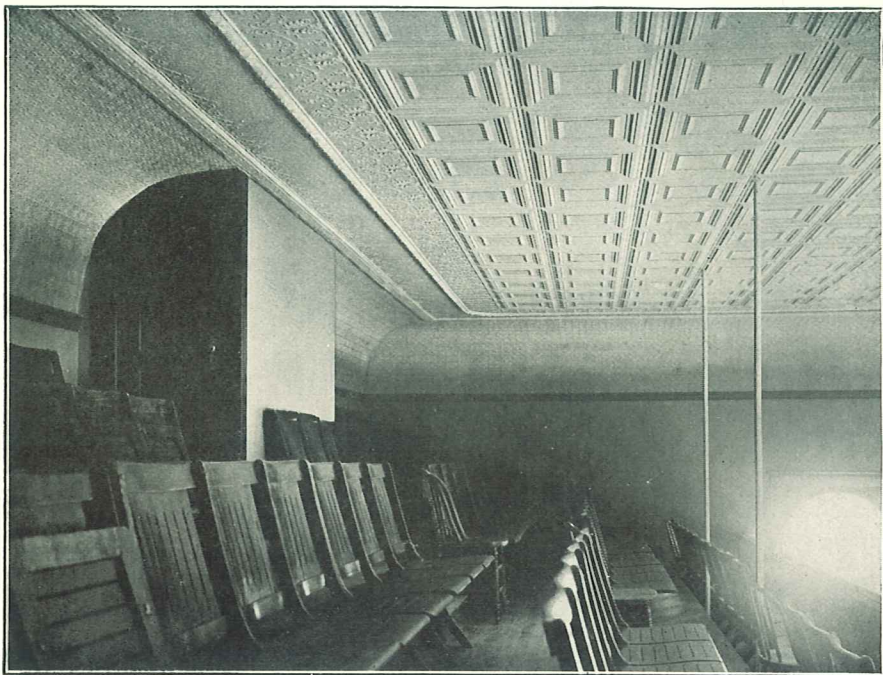
Old stables have been transformed into attractive dance halls and garages, warehouses into theatres, dirty, dingy saloons into attractive restaurants and confectionery shops—thereby increasing the revenue from these rooms 100 per cent to 300 per cent.

Where steel ceilings are used, alterations are readily and easily made, or old parts replaced without difficulty.

Steel Ceilings can be put on over old plaster without removing the plaster, thus avoiding the usual necessary confusion, dirt and annoyance where plaster has to be replaced.



After



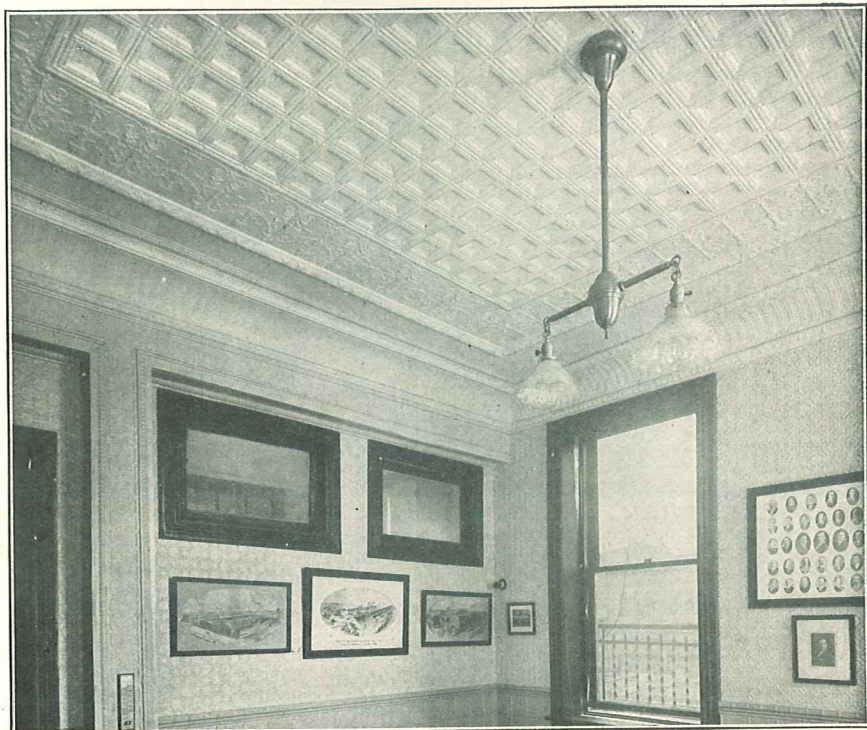
Panel Plate No. 2400. In combination with border, filler and cove above a gallery and Auditorium.



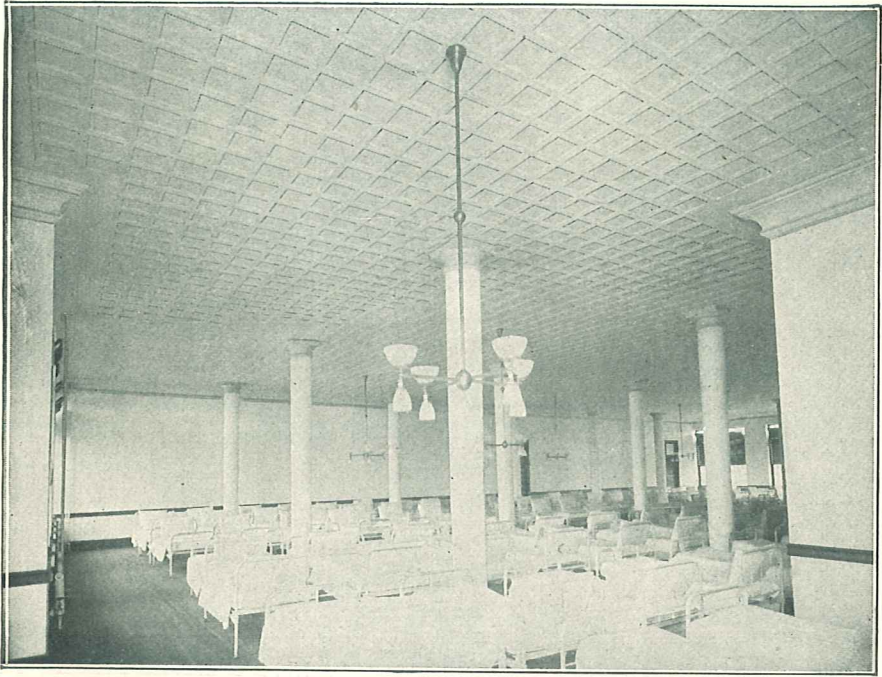
Plate No. 2410. In up-to-date Confectionery Store. (See page 16.)



Stucco Plate No. 780. For Business Offices. (See page 20.)



Ceiling Plate No. 600 with Plate No. 305 used as Sidewall in Business Office. (See pages 18 and 19.)



Panel Plate No. 1210. For Hospitals. (See page 17.)



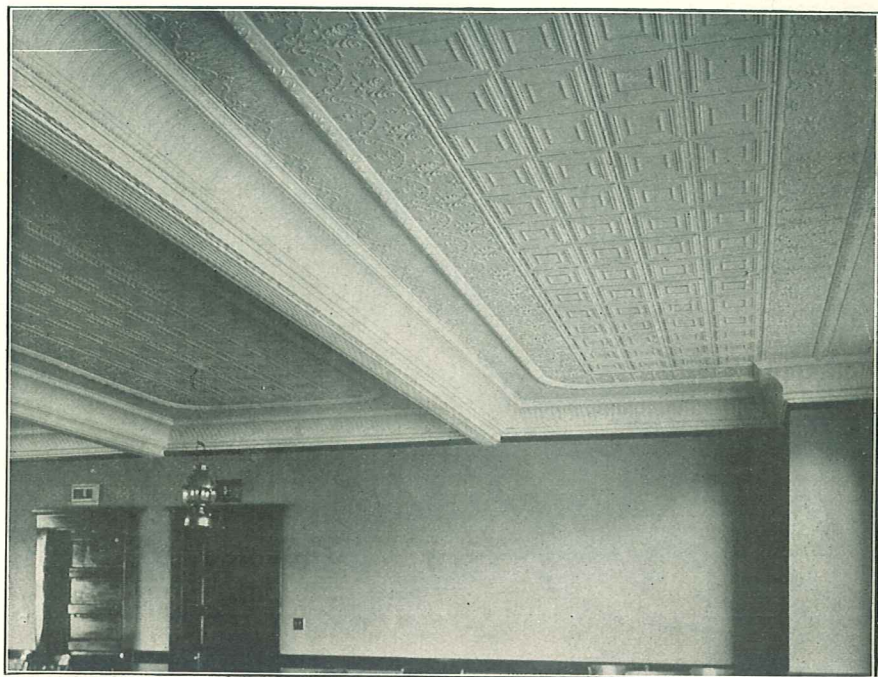
Steel Ceiling in Barber Shop located on an upper floor of one of New York's fireproof buildings.



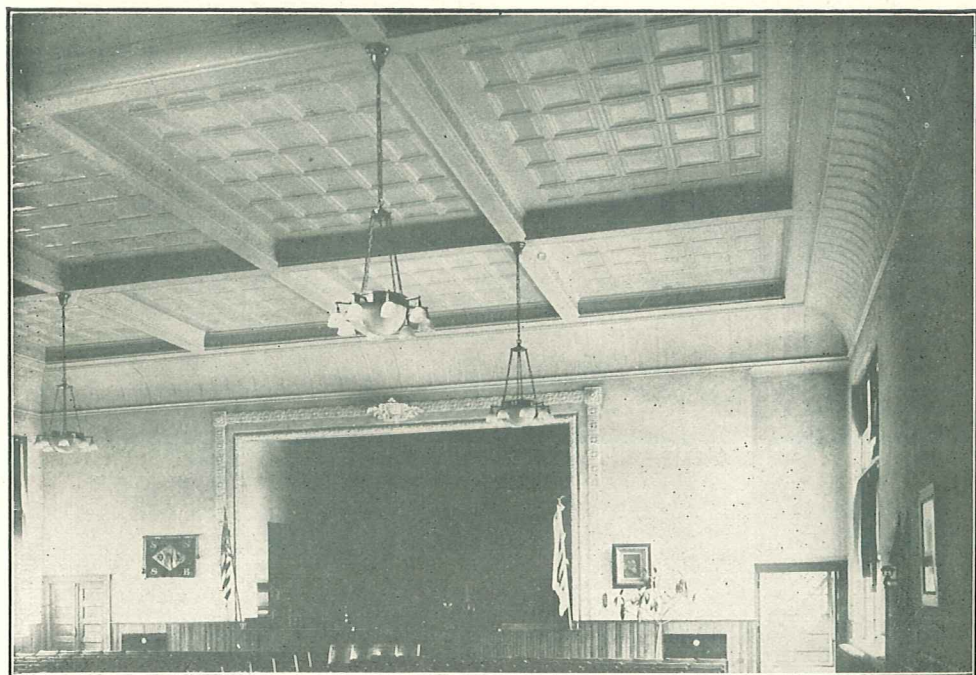
Panel Plate No. 600. In large Department Store. (See page 18.)



Panel Plate No. 1205. In Tailor Shop. (See page 17.)



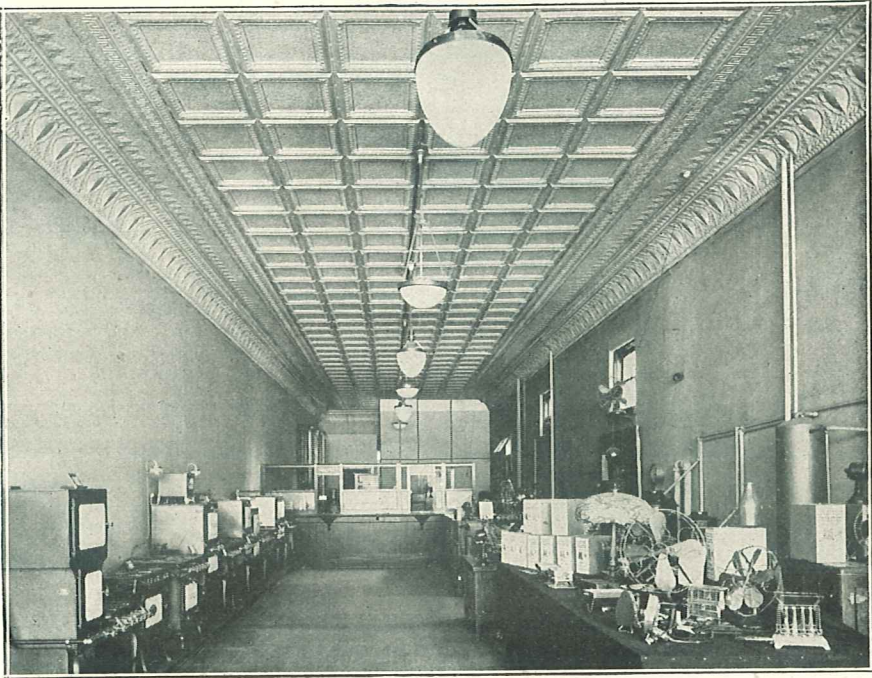
Panel Plate No. 1200. In Town Hall Auditorium. (See page 17.)



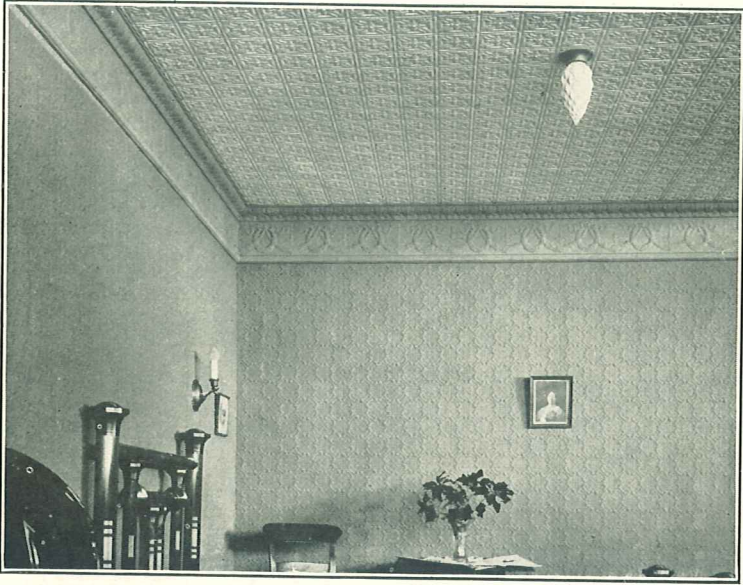
View of Steel Ceiling in Public School, Buffalo, N. Y.



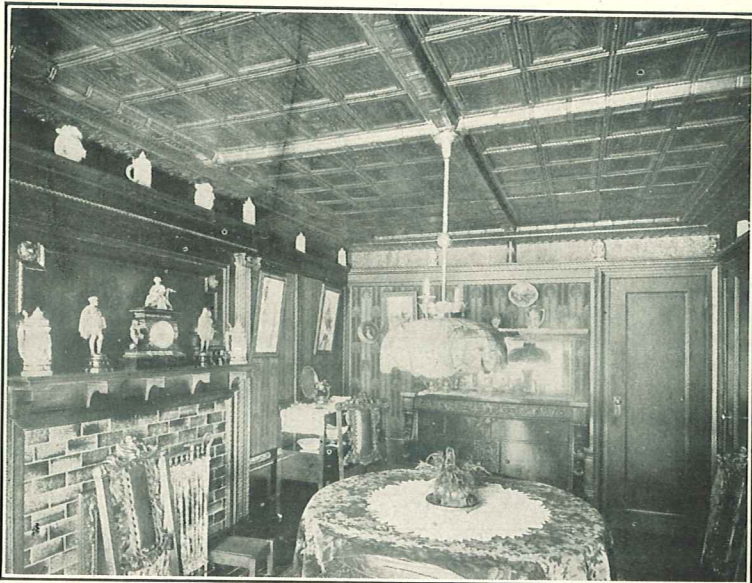
Store Room with Plate No. 2400 and Appropriate Cornice and Filler. (See page 16.)



Panel Plate No. 2440. In Electric Shop. (See page 16.)



Bedroom with Ceiling Plate No. 640. (See page 18.)



Panel Plate No. 1210. In Dining Room. (See page 17.)



An effective treatment, with a **Canton Line** Steel Ceiling, in the Living Room of a modern home.



Plate No. 630 in Up-to-date Kitchen. (See page 19.)

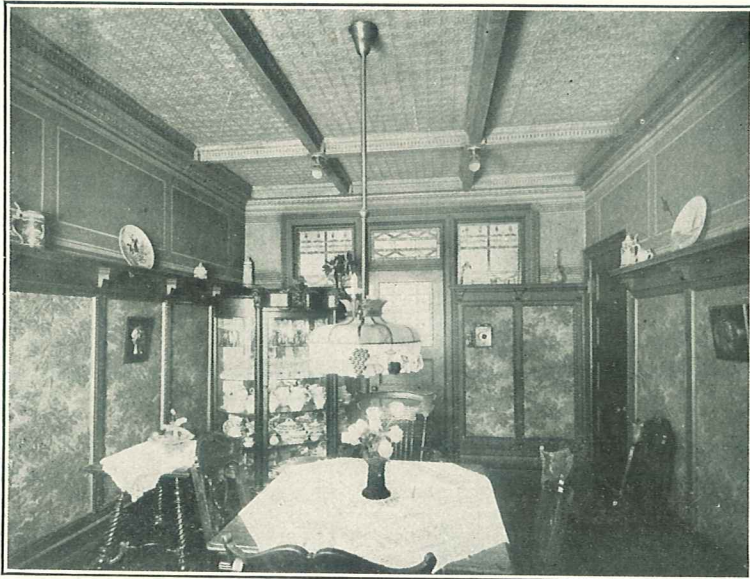
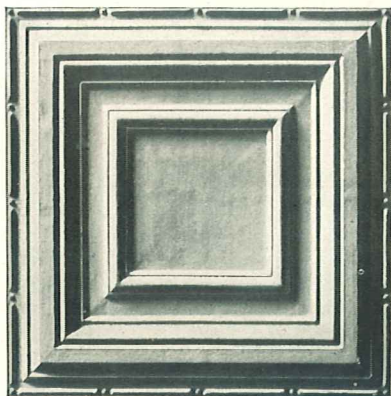
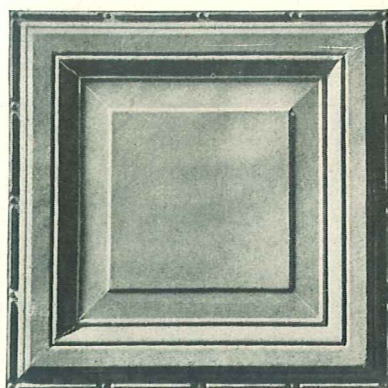


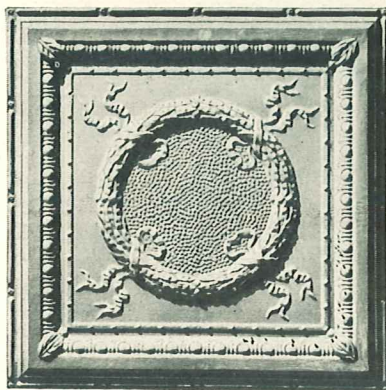
Plate No. 305 in Dining Room of Modern Home. (See page 19.)



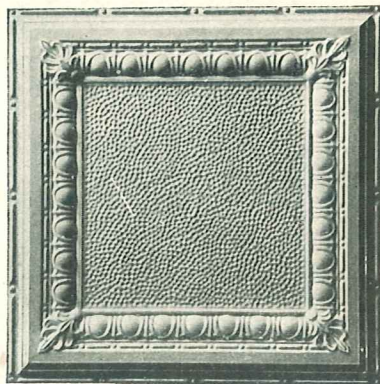
24" Multiple Plate No. 2400
\$8.50 per 100 square feet
Size of sheets 24" x 48"



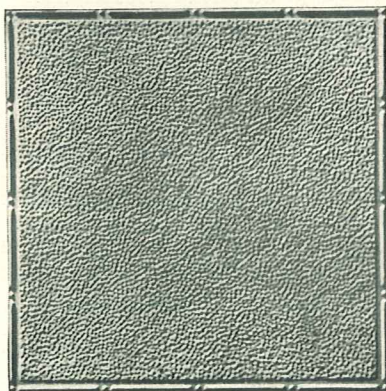
24" Multiple Plate No. 2405
\$8.50 per 100 square feet
Size of sheets 24" x 48"



24" Multiple Plate No. 2410
\$8.50 per 100 square feet
Size of sheets 24" x 48"



24" Multiple Plate No. 2440
\$8.50 per 100 square feet
Size of sheets 24" x 48"

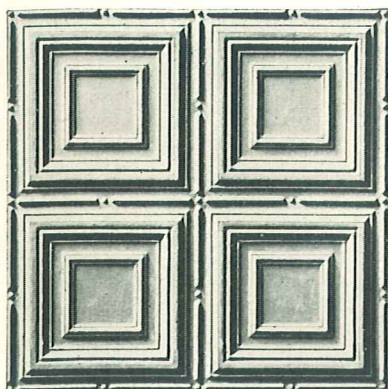


24" Multiple Plate No. 2495
\$8.50 per 100 square feet
Size of sheets 24" x 48"

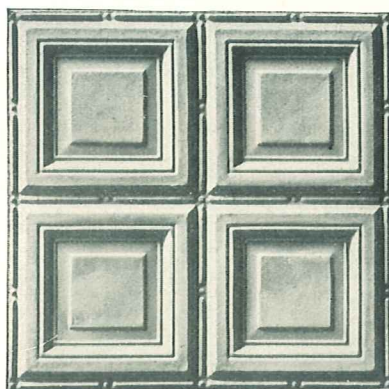


24" Multiple Plate No. 2455
\$8.50 per 100 square feet
Size of sheets 24" x 48"

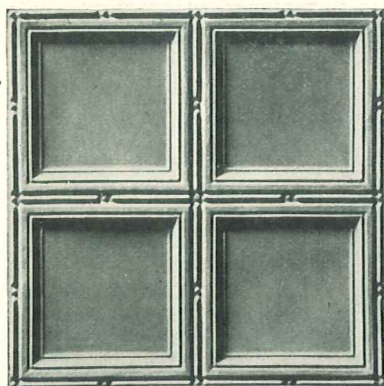
These Plates have the Die Cut Nailholes and Repressed Beads.



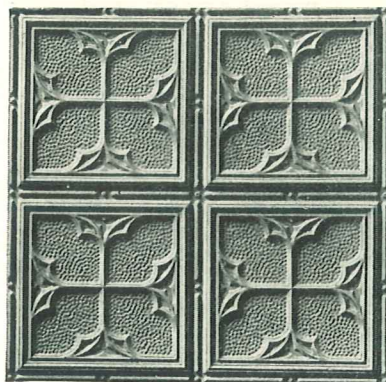
12" Multiple Plate No. 1200
\$8.50 per 100 square feet
Size of sheets 24" x 48"



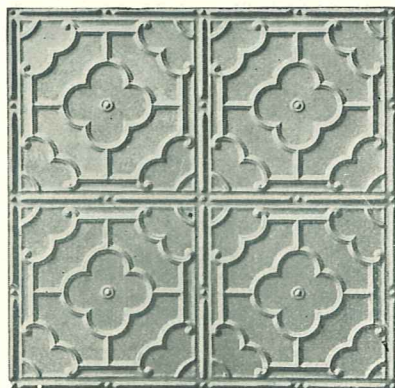
12" Multiple Plate No. 1205
\$8.50 per 100 square feet
Size of sheets 24" x 48"



12" Multiple Plate No. 1210
\$8.50 per 100 square feet
Size of sheets 24" x 48"



12" Multiple Plate No. 1235
\$8.50 per 100 square feet
Size of sheets 24" x 48"

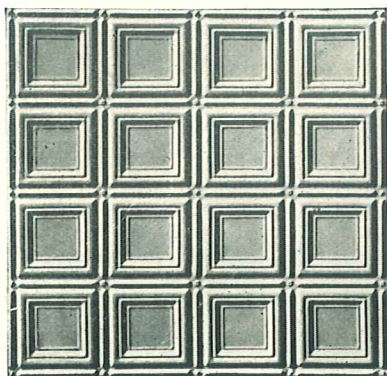


12" Multiple Plate No. 1220
\$8.50 per 100 square feet
Size of sheets 24" x 48"

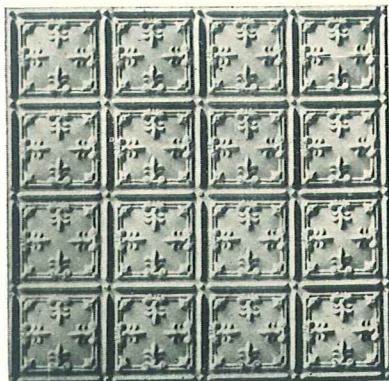


12" Multiple Plate No. 1225
\$8.50 per 100 square feet
Size of sheets 24" x 48"

These Plates have the Die Cut Nailholes and Repressed Beads.



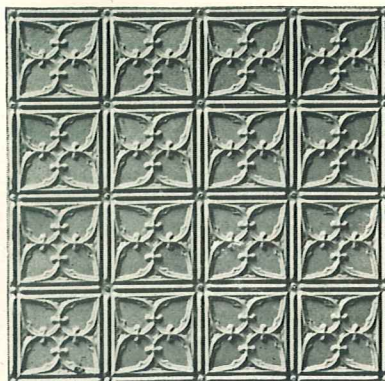
6" Multiple Plate No. 600
\$8.50 per 100 square feet
Size of sheets 24" x 48"



6" Multiple Plate No. 620
\$8.50 per 100 square feet
Size of sheets 24" x 48"



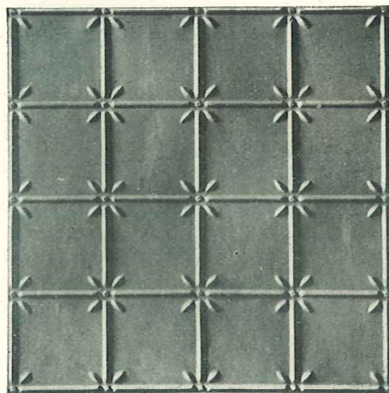
6" Multiple Plate No. 640
\$8.50 per 100 square feet
Size of sheets 24" x 48"



6" Multiple Plate No. 625
\$8.50 per 100 square feet
Size of sheets 24" x 48"

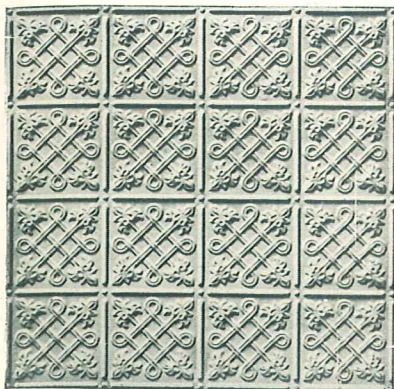


6" Multiple Plate No. 610
\$8.50 per 100 square feet.
Size of sheets 24" x 48"



6" Multiple Plate No. 615
\$8.50 per 100 square feet
Size of sheets 24" x 48"

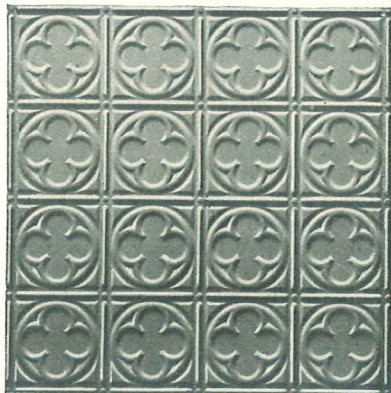
These Plates have the Repressed Beads and Die-Cut Nailholes



6" Multiple Plate No. 635

\$8.50 per 100 square feet

Size of sheets 24" x 48"

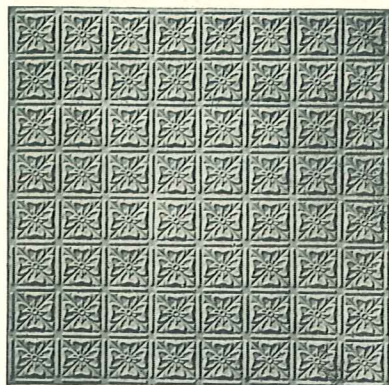


6" Multiple Plate No. 630

\$8.50 per 100 square feet

Size of sheets 24" x 48"

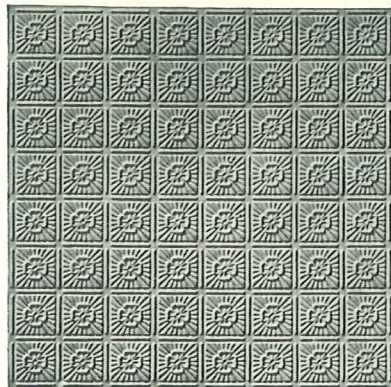
The above Plates have the Repressed Beads and Die-Cut Nailholes.



3" Multiple Plate No. 315

\$8.00 per 100 square feet

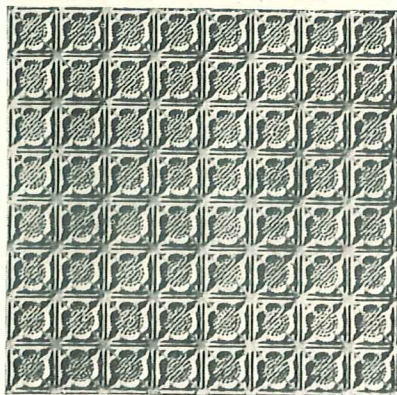
Size of sheets 24" x 96"



3" Multiple Plate No. 320

\$8.00 per 100 square feet

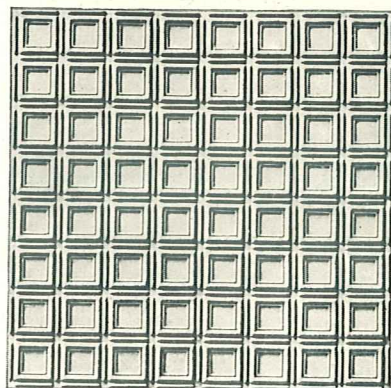
Size of sheets 24" x 96"



3" Multiple Plate No. 305

\$8.00 per 100 square feet

Size of sheets 24" x 96"



3" Multiple Plate No. 300

\$8.00 per 100 square feet

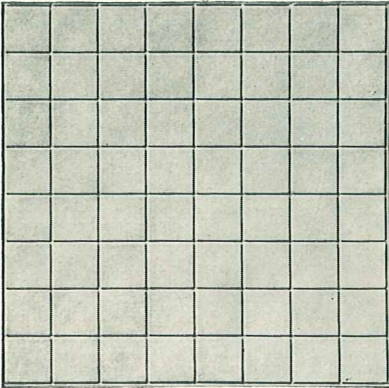
Size of sheets 24" x 96"



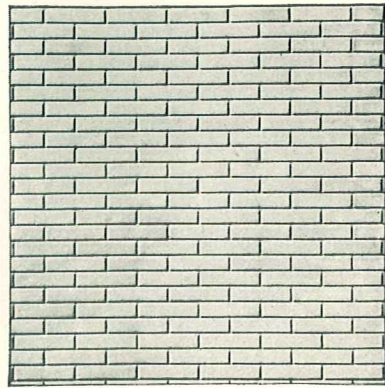
Stipple Filler No. 700
 \$7.50 per 100 square feet
 Size of sheets 24" x 96" and 30" x 96"



Stucco Plate No. 780
 \$8.00 per 100 square feet
 Size of sheets 30" x 120"



Imitation Tile No. 330
 \$8.00 per 100 square feet
 Size of Tile 3" square
 Size of sheets 24" x 96"



Imitation Tile No. 325
 \$8.00 per 100 square feet
 Size of Tile 1" x 4"
 Size of sheets 24" x 96"



Plate No. 870
 \$7.50 per 100 square feet
 Size of sheets 24" x 96"

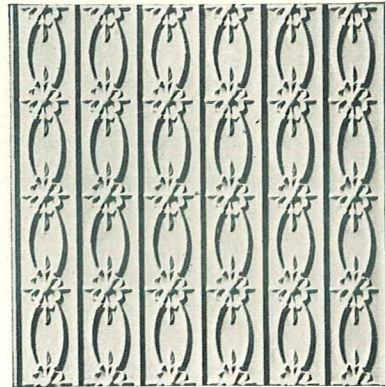
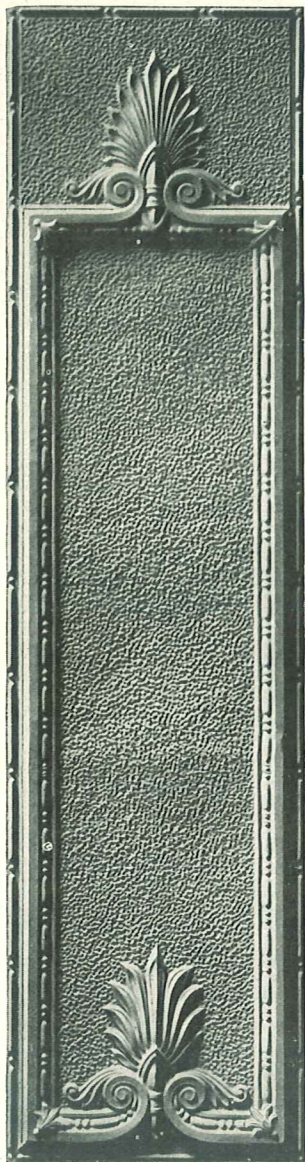


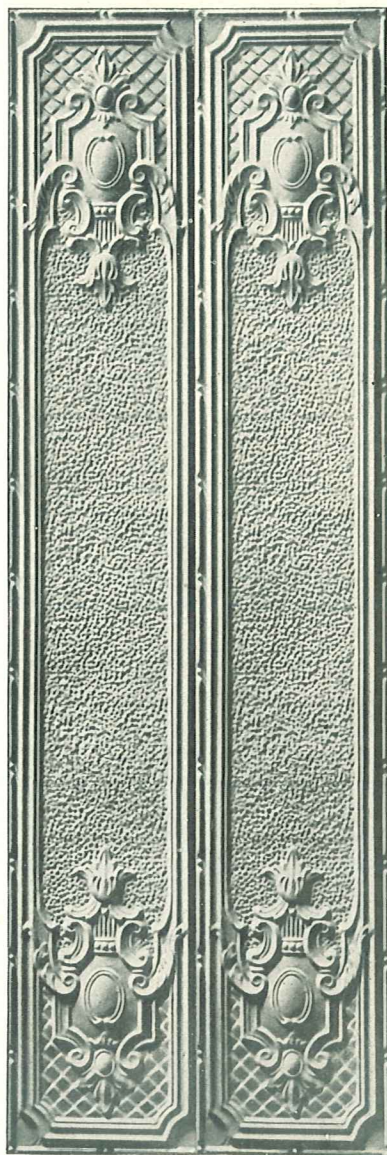
Plate No. 880
 \$7.50 per 100 square feet
 Size of sheets 24" x 96"



Side Wall Plate No. 830

\$10.00 per 100 square feet

Size of sheets 18" x 72" and 18" x 96"



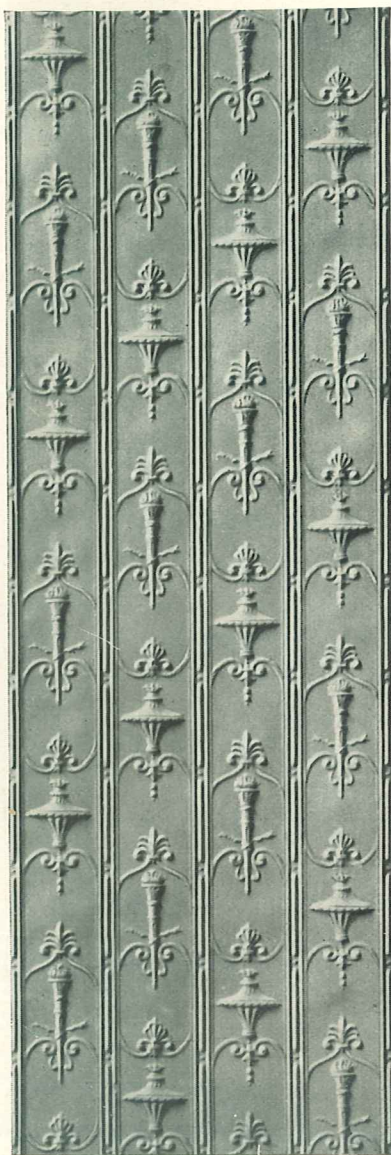
Side Wall Plate No. 850

\$10.00 per 100 square feet

Size of sheets 24" x 72" and 24" x 96"



Side Wall Plate No. 805
 \$8.50 per 100 square feet
 Size of sheets 24" x 72" and 24" x 96"



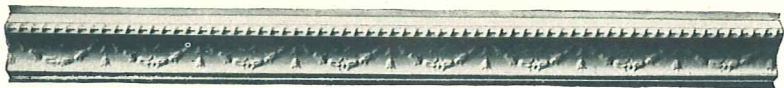
Side Wall Plate No. 800
 \$8.50 per 100 square feet
 Size of sheets 24" x 72" and 24" x 96"



Picture Mould No. 1130. Size $2\frac{1}{2}$ " x 48"
5c per lineal foot.



Chair Rail No. 1135. Size 4" x 48"
6c per lineal foot



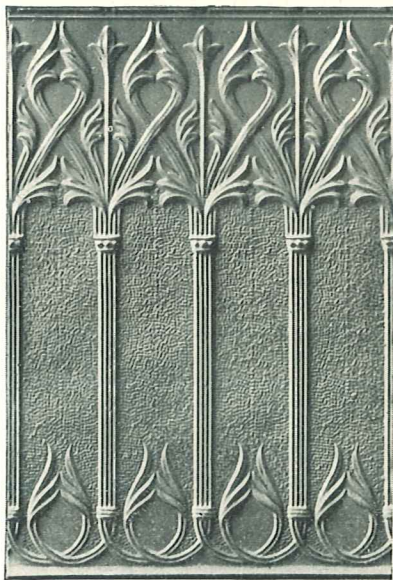
Chair Rail No. 1140. Size 4" x 48"
6c per lineal foot



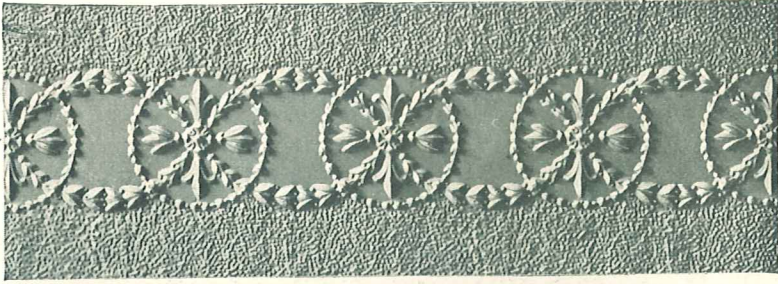
Chair Rail No. 1145. Size 5" x 48"
8c per lineal foot



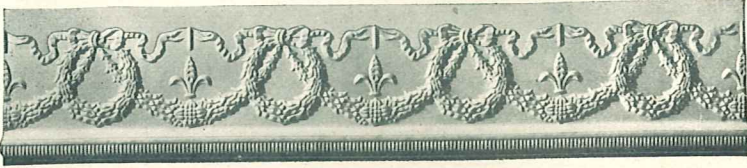
Wainscot No. 855
\$9.00 per 100 square feet
Size of sheets 24" x 36"



Wainscot No. 845
\$9.00 per 100 square feet
Size of sheets 24" x 36"



Girder Covering No. 730. Sizes 12-15-18-24" x 96"
\$8.50 per 100 square feet



Frieze No. 1525. Size 11" x 48"
\$10.00 per 100 square feet



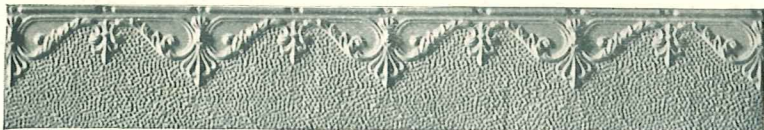
Frieze No. 1555. Size 14" x 48"
\$10.00 per 100 square feet



Frieze Complete No. 1560. Size 30" x 48"
Frieze Middle Section No. 1565. Size 18" x 48"
\$9.00 per 100 square feet



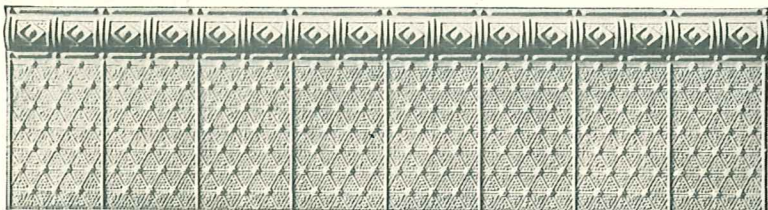
Filler No. 725. Sizes 9-12-15-18" x 48" \$8.50 per 100 square feet



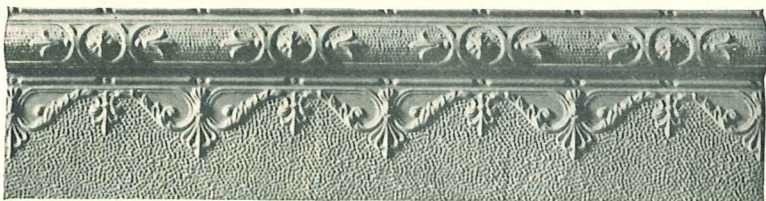
Filler No. 720. Sizes 9-12-15-18" x 48". \$8.50 per 100 square feet



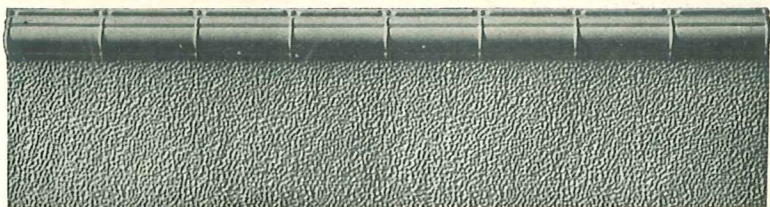
Filler No. 710. Sizes 9-12-15-18-24" x 48". \$8.50 per 100 square feet



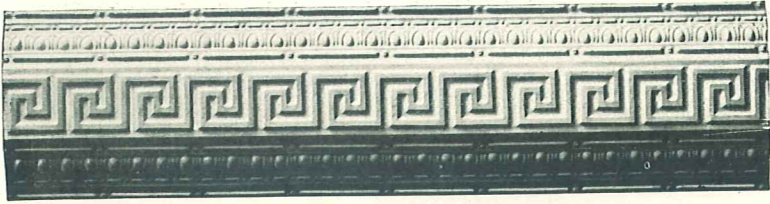
Filler and Mould No. 775. Sizes 9-12-15-18-24" x 48"
\$8.50 per 100 square feet
Inner and Outer Mitres \$9.00 per 100 square feet



Filler and Mould No. 750. Sizes 12-15-18-24" x 48"
\$9.00 per 100 square feet
Inner and Outer Mitres \$9.00 per 100 square feet



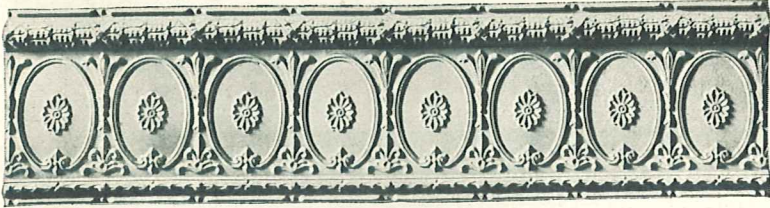
Filler and Mould No. 755. Sizes 9-12-15-18-24" x 48"
\$8.50 per 100 square feet
Inner and Outer Mitres \$9.00 per 100 square feet



Mould No. 1180. Size 12" x 48". 12c per lineal foot, Ells, Tees, and Crosses 20c each



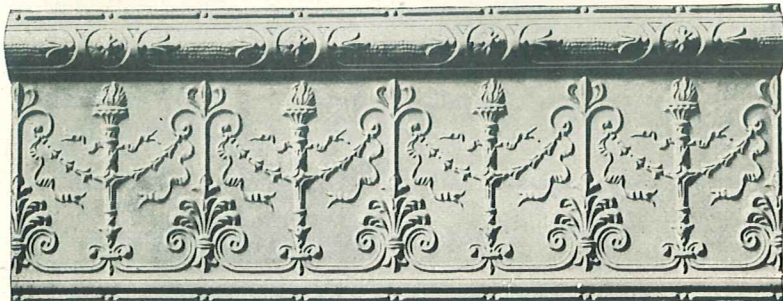
Border No. 1595. Size 12" x 48". 12c per lineal foot, Ells, Tees, and Crosses 20c each



Border No. 1580. Size 12" x 48". \$10.00 per 100 square feet
Inner and Outer Mitres 20c each



Border No. 1520. Size 18" x 48". \$8.50 per 100 square feet
Inner Mitres 25c each, Outer Mitres 45c each



Border No. 1510. Size 18" x 48". \$8.50 per 100 square feet
Inner Mitres 25c each, Outer Mitres 45c each



Corner Finish

Inner No. 1300 1" x 1" x 48"

Outer No. 1305 1" x 1" x 48"

Flat No. 1310 2" x 48"

3c per lineal foot

This illustration shows the inner, outer and flat shapes



Moulding No. 1100. Size 2½" x 48"

4c per lineal foot



Moulding No. 1105. Size 3" x 48"

5c per lineal foot



Moulding No. 1125. Size 4" x 48"

7c per lineal foot

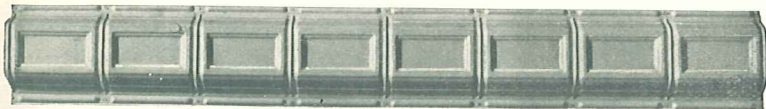
Ells 8c each



Moulding No. 1115. Size 4¾" x 48"

7c per lineal foot

Curved Corners 35c each



Moulding No. 1150. Size 6" x 48"

8c per lineal foot

Ells, Tees and Crosses 8c each



Moulding No. 1165. Size 6" x 48"

8c per lineal foot

Ells, Tees and Crosses 8c each



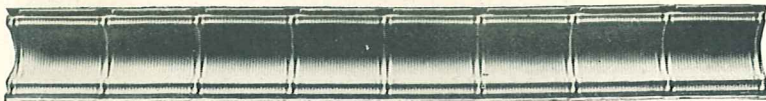
Cornice No. 900. Height $1\frac{1}{2}$ ". Projection $1\frac{1}{2}$ ". Length 48".
4c per lineal foot



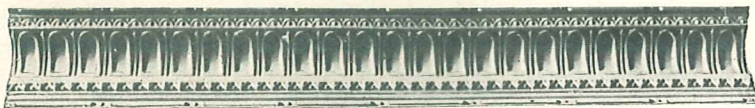
Cornice 902. Height $2\frac{1}{2}$ ". Projection $2\frac{1}{2}$ ". Length 48".
5c per lineal foot



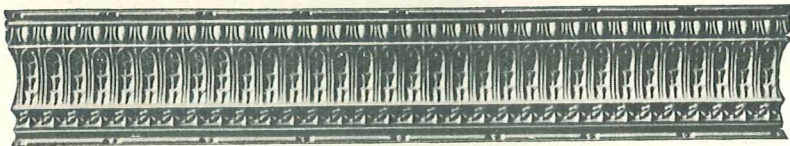
Cornice No. 904. Height 3". Projection 3". Length 48".
6c per lineal foot



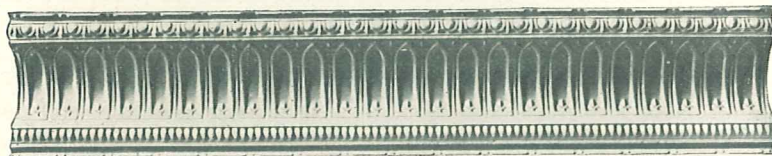
Cornice No. 915. Height 4". Projection 4". Length 48".
7c per lineal foot. Inner and Outer Mitres 40c each.



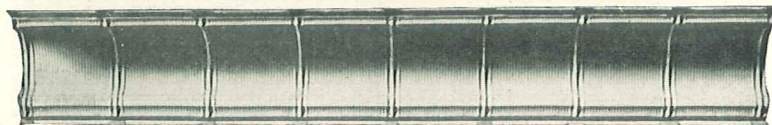
Cornice 910. Height $4\frac{1}{2}$ ". Projection $4\frac{1}{2}$ ". Length 48".
7c per lineal foot. Inner and Outer Mitres 40c each.



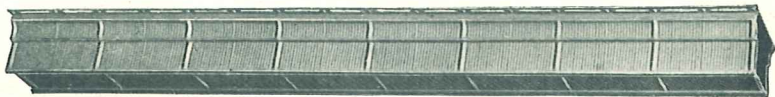
Cornice No. 920. Height 6". Projection 4". Length 48".
 $9\frac{1}{2}$ c per lineal foot. Inner and Outer Mitres 50c each.



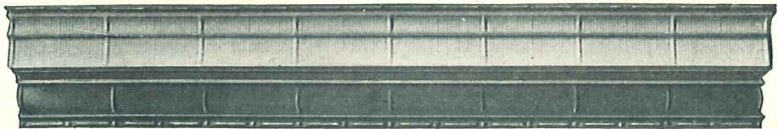
Cornice No. 925. Height $6\frac{1}{2}$ ". Projection $6\frac{1}{2}$ ". Length 48".
10c per lineal foot. Inner and Outer Mitres 50c each.



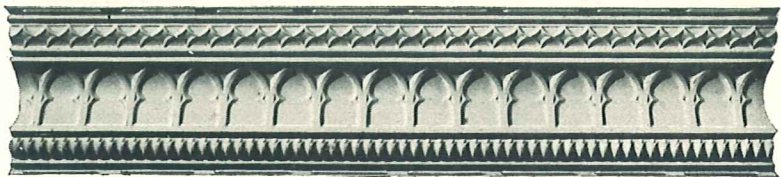
Cornice No. 930. Height 6". Projection 6". Length 48".
10c per lineal foot. Inner and Outer Mitres 50c each



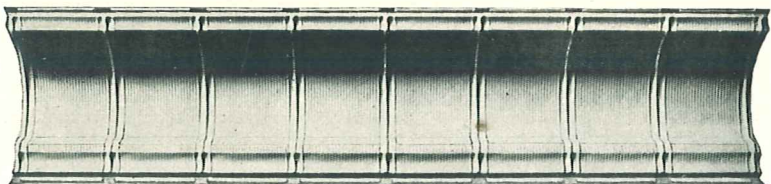
Beam No. 1335. Depth $3\frac{5}{8}$ ". Width 6". Length 48".
20c per lineal foot. Blocks \$1.00 each.



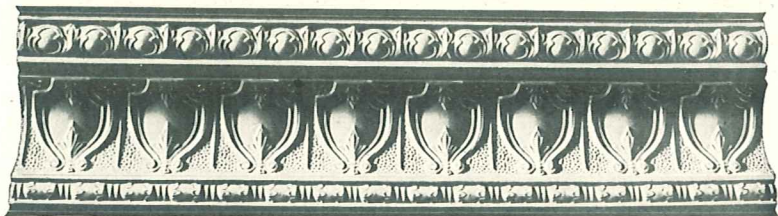
Cornice No. 935. Height 6". Projection 6". Length 48".
15c per lineal foot. Inner and Outer Mitres 75c each.



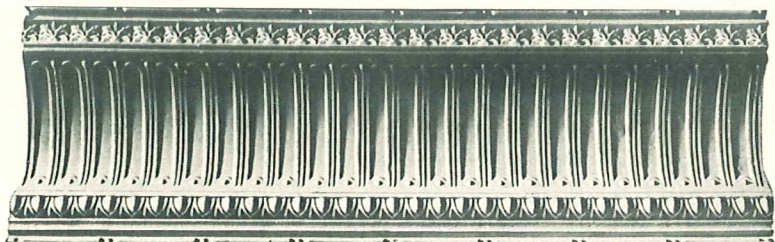
Cornice No. 939. Height 8". Projection 6". Length 48".
12c per lineal foot. Inner and Outer Mitres 60c each.



Cornice No. 940. Height 8". Projection 8". Length 48".
14c per lineal foot. Inner and Outer Mitres 60c each.



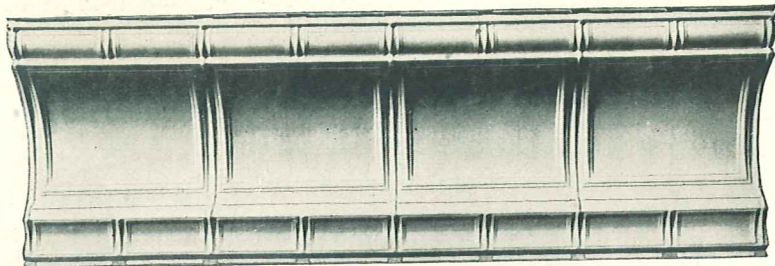
Cornice No. 945. Height 9". Projection 9". Length 48".
15c per lineal foot. Inner and Outer Mitres 75c each.



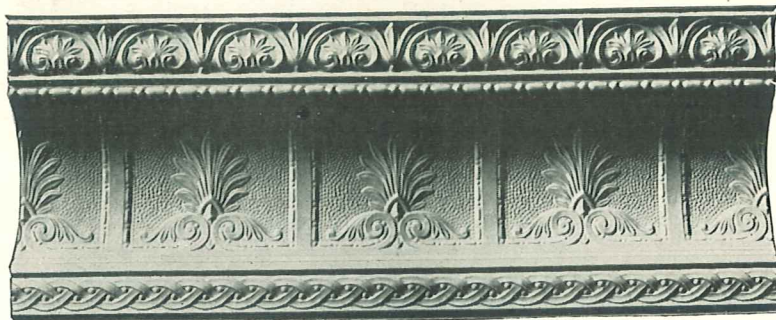
Cornice No. 950. Height 10". Projection 10". Length 48".
16c per lineal foot. Inner and Outer Mitres 75c each.



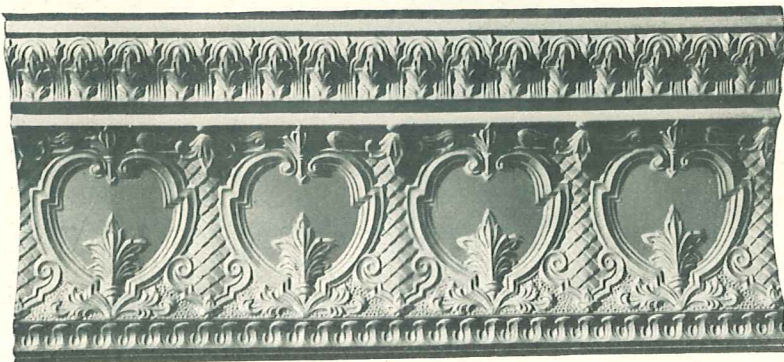
Cornice and Frieze Combined No. 980. Height 12". Projection $2\frac{1}{4}$ ".
Length 48". 12c per lineal foot. No mitres furnished.



Cornice No. 955. Height 12". Projection 12". Length 48".
20c per lineal foot. Inner and Outer Mitres 90c each.



Cornice No. 970. Height 15". Projection 12". Length 48".
23c per lineal foot. Inner and Outer Mitres \$1.00 each.



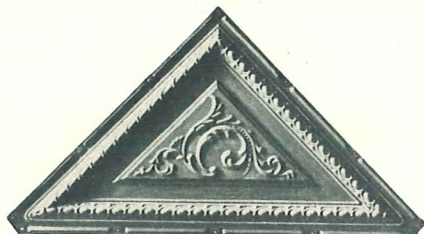
Cornice No. 975. Height 15". Projection 15". Length 48".
25c per lineal foot. Inner and Outer Mitres \$1.00 each.



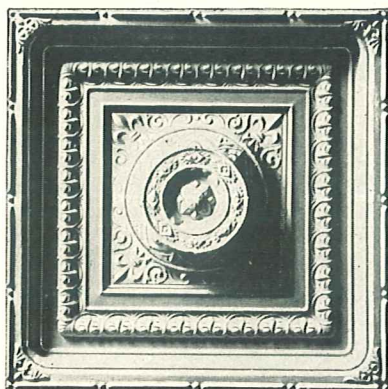
Center No. 1400
50c each
Size 24" x 24"



Center No. 1440
50c each
Size 24" x 24"



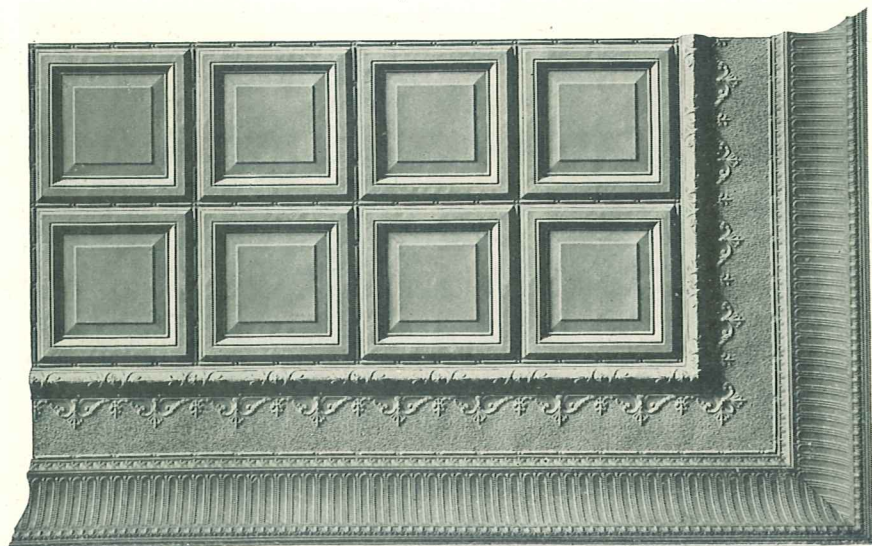
Triangular Plate No. 1460
25c each
Size 18" x 18" x 24"



Center No. 1425
\$1.00 each
Size 24" x 24"

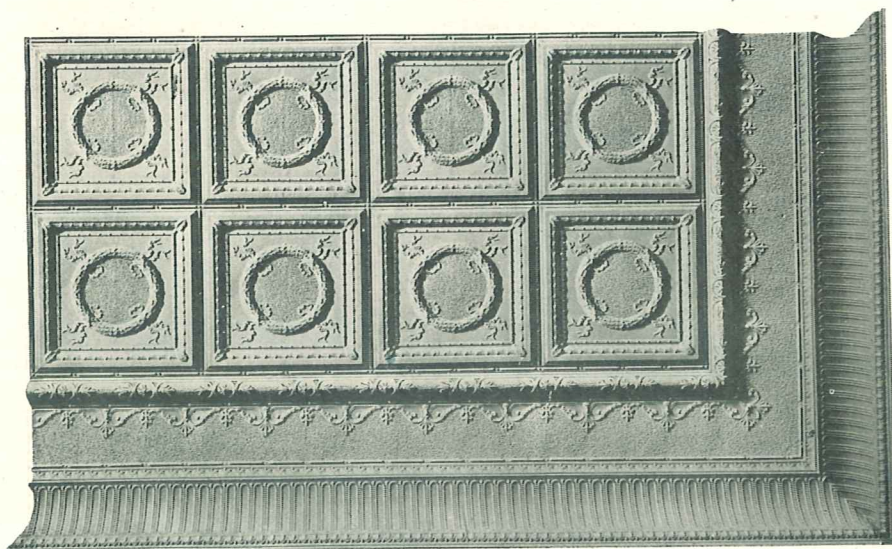


Ventilating Center No. 1450
\$3.00 each
Size 24" x 24"



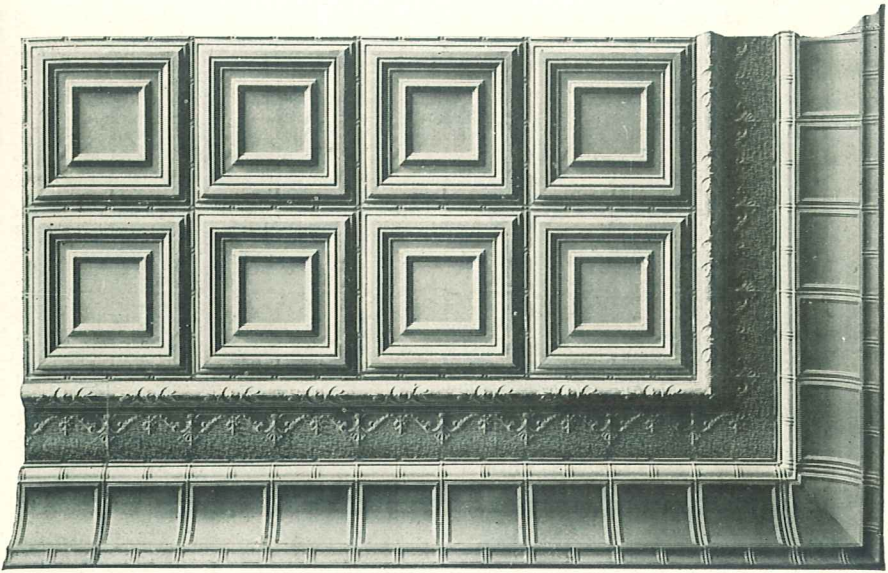
Ceiling Design No. 3721

Composed of Plate No. 2405, Filler and Mould No. 750, and Cornice No. 950



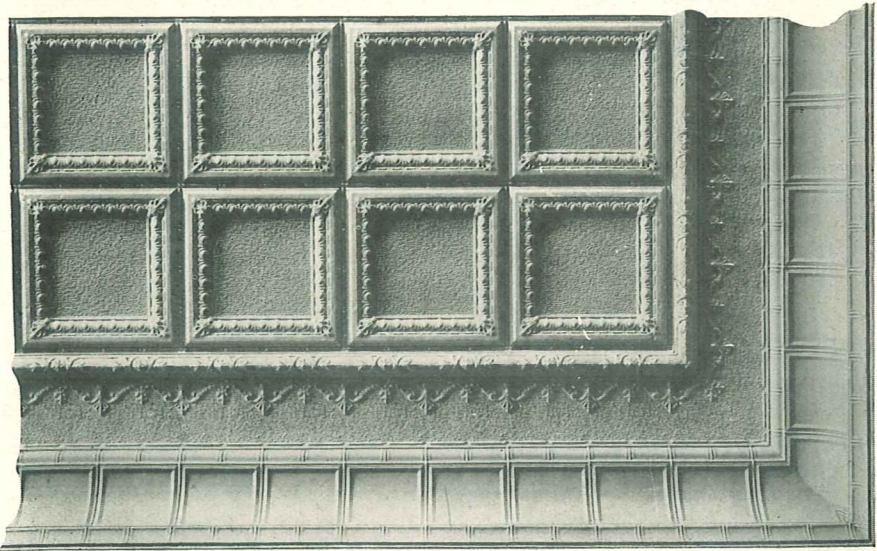
Ceiling Design No. 3763

Composed of Plate No. 2410, Filler and Mould No. 750, and Cornice No. 950



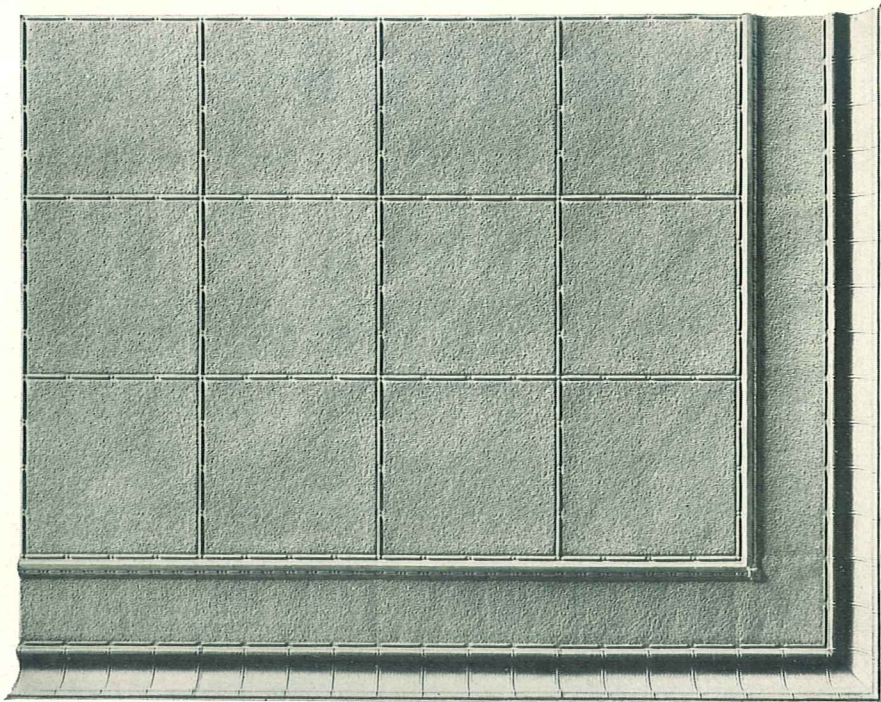
Ceiling Design No. 3754

Composed of Plate No. 2400, Filler and Mould No. 750, and Cornice No. 955



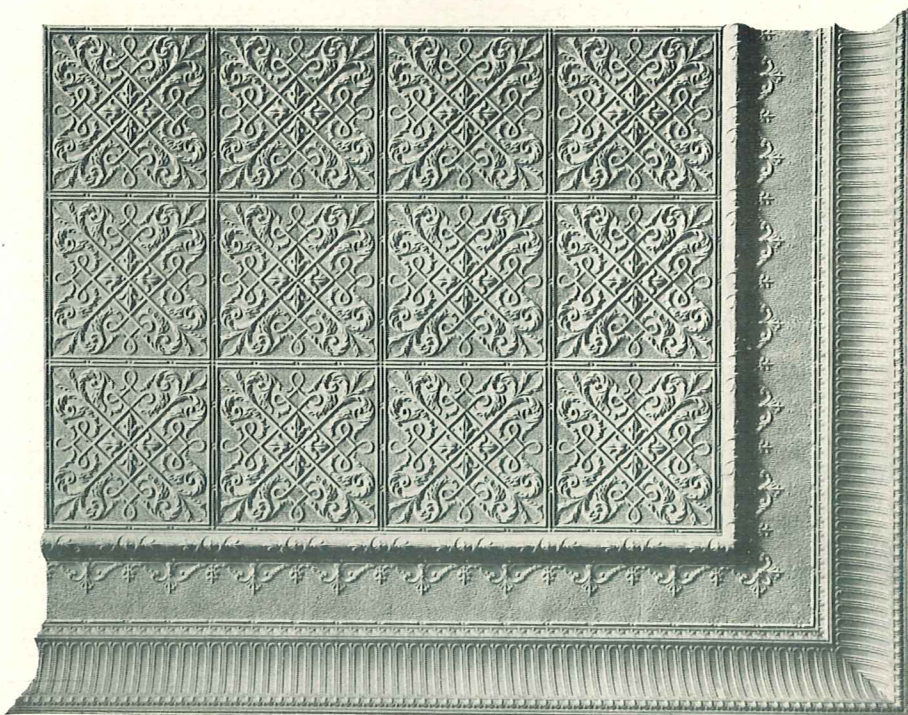
Ceiling Design No. 3774

Composed of Plate No. 2440, Filler and Mould No. 750, and Cornice No. 955



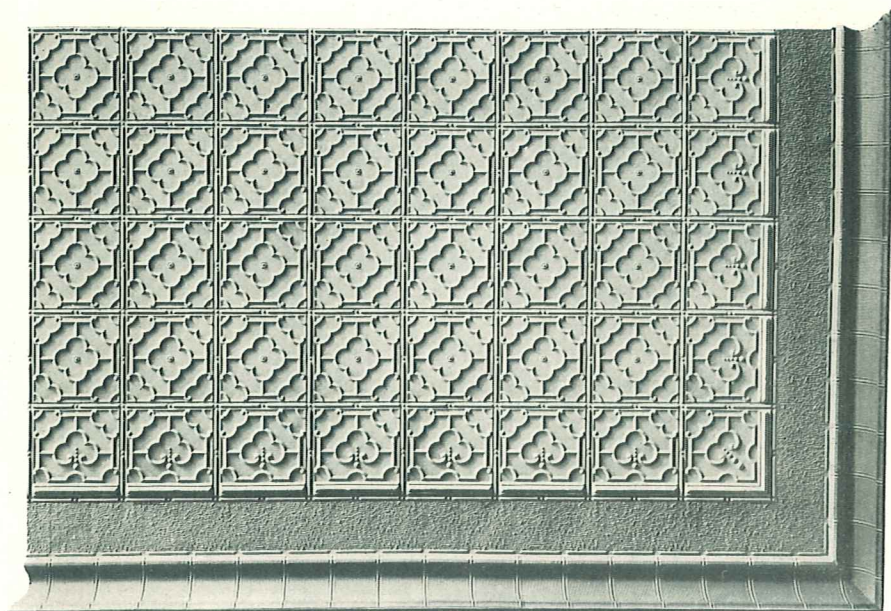
Ceiling Design No. 3706

Composed of Plate No. 2495, Filler and Mould 755, and Cornice No. 940



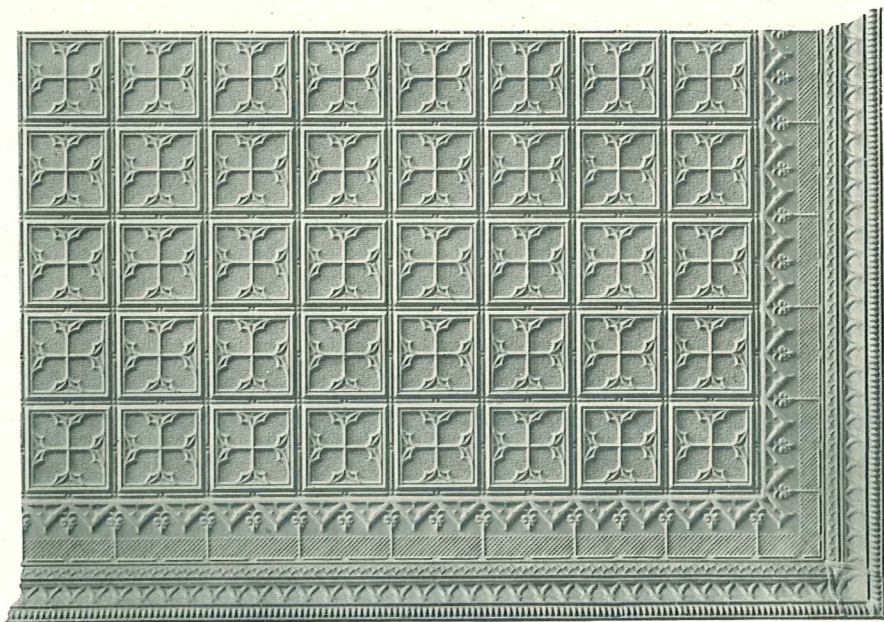
Ceiling Design No. 3705

Composed of Plate No. 2455, Filler and Mould 750, and Cornice No. 950



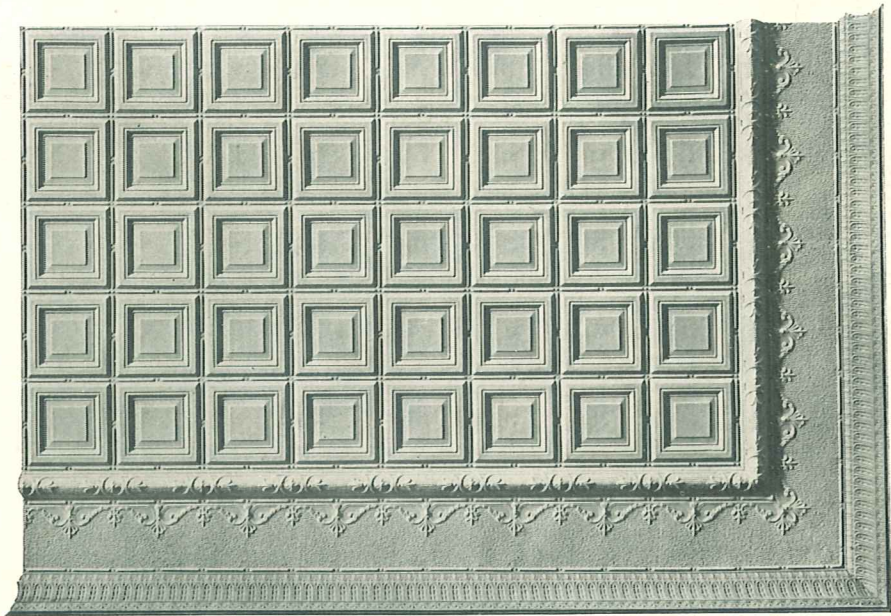
Ceiling Design No. 3709

Composed of Plate No. 1220, Filler No. 700, and Cornice No. 940



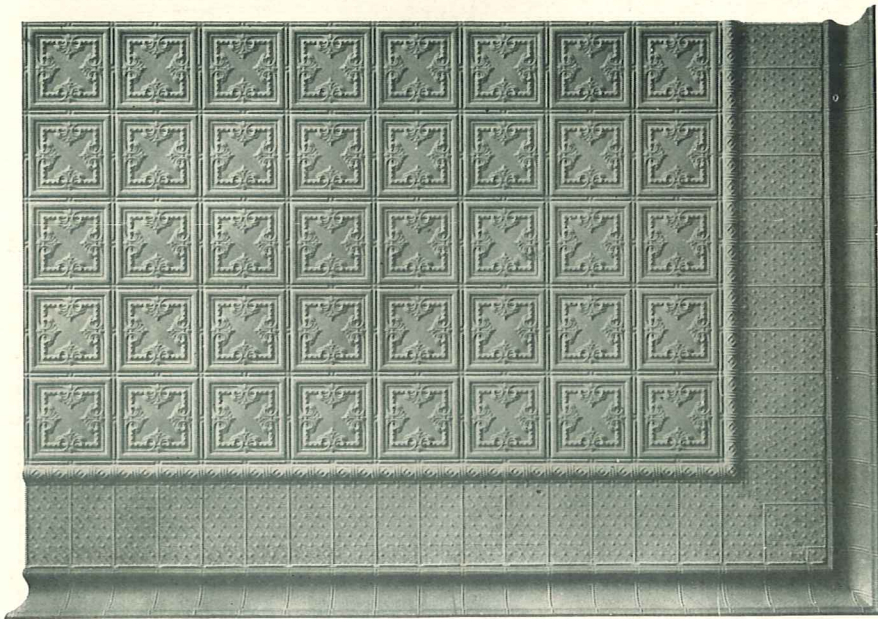
Ceiling Design No. 3708

Composed of Plate No. 1235, Filler No. 725, and Cornice No. 939



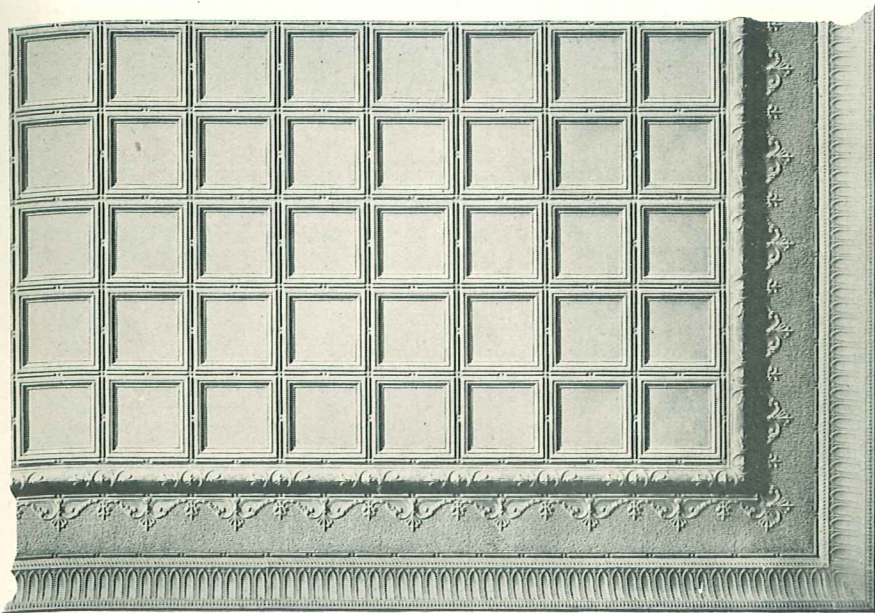
Ceiling Design No. 3735

Composed of Plate No. 1205, Filler and Mould No. 750, and Cornice No. 920



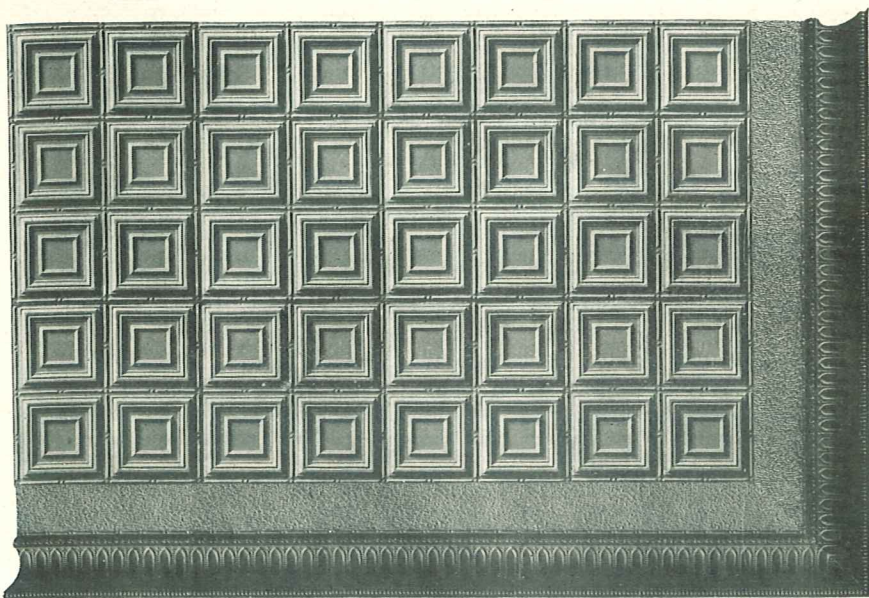
Ceiling Design No. 3775

Composed of Plate No. 1225, Filler No. 775, and Cornice No. 930



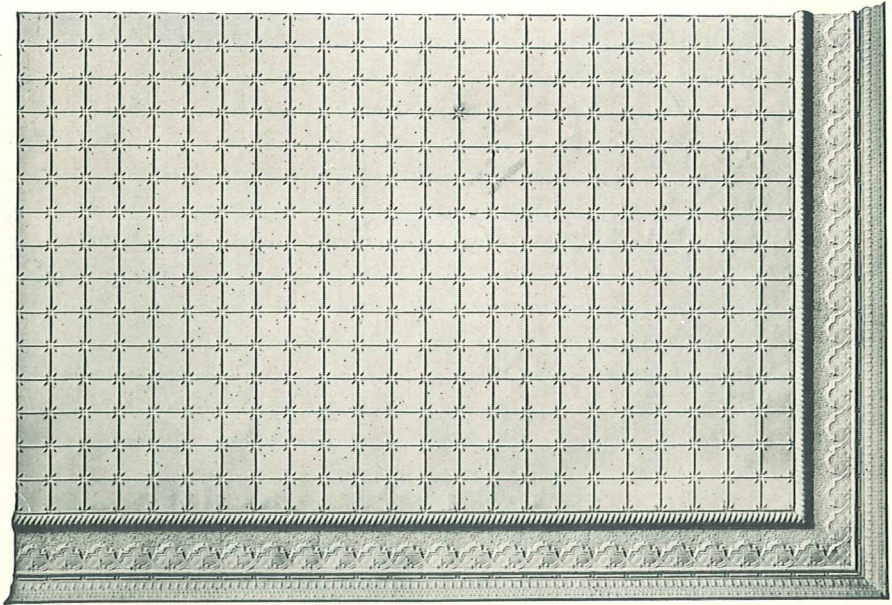
Ceiling Design No. 3737

Composed of Plate No. 1210, Filler and Mould No. 750, and Cornice No. 925

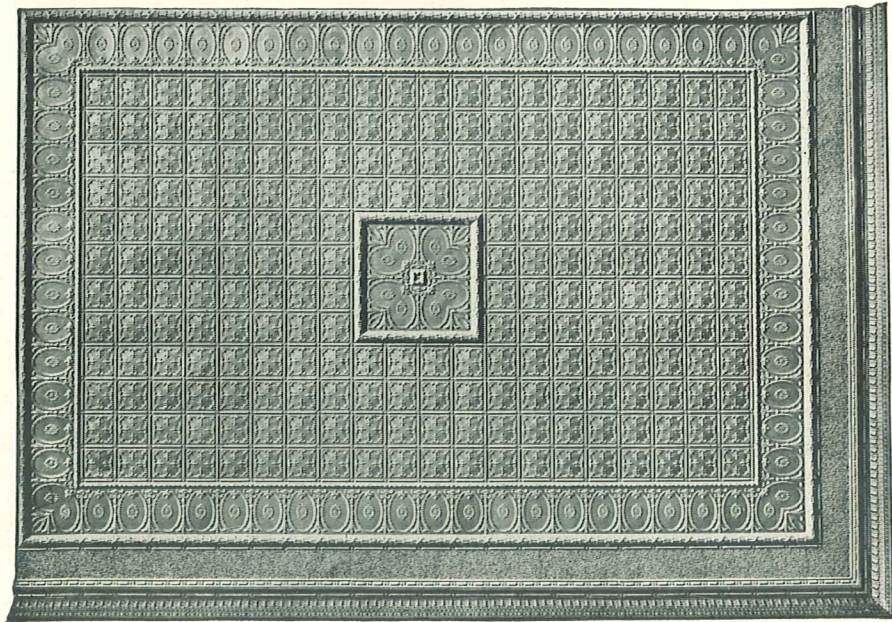


Ceiling Design No. 3751

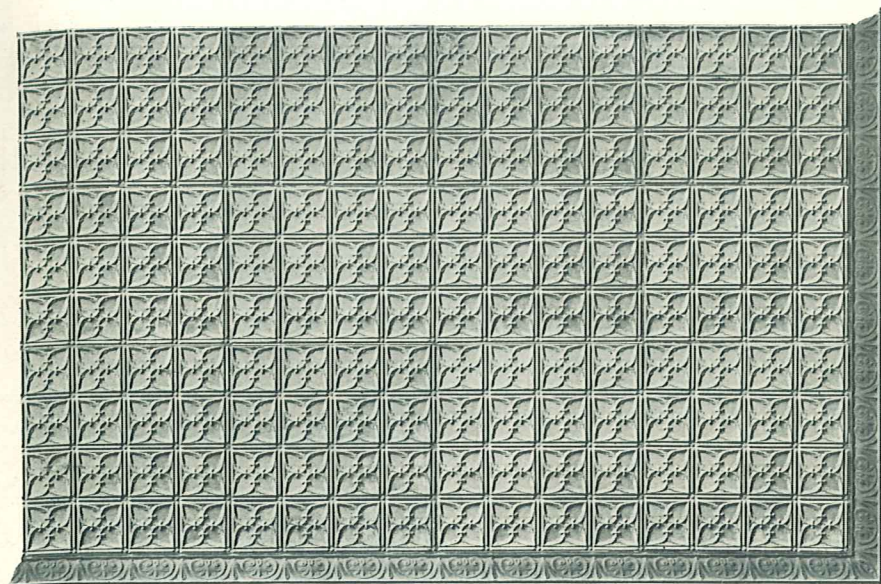
Composed of Plate No. 1200, Filler No. 700, and Cornice No. 925



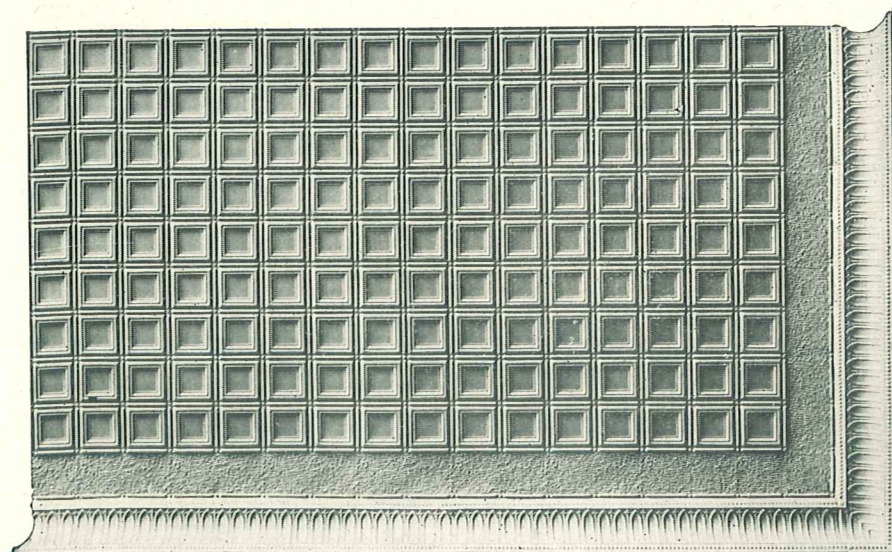
Ceiling Design No. 3743
Combination design showing Plate No. 615



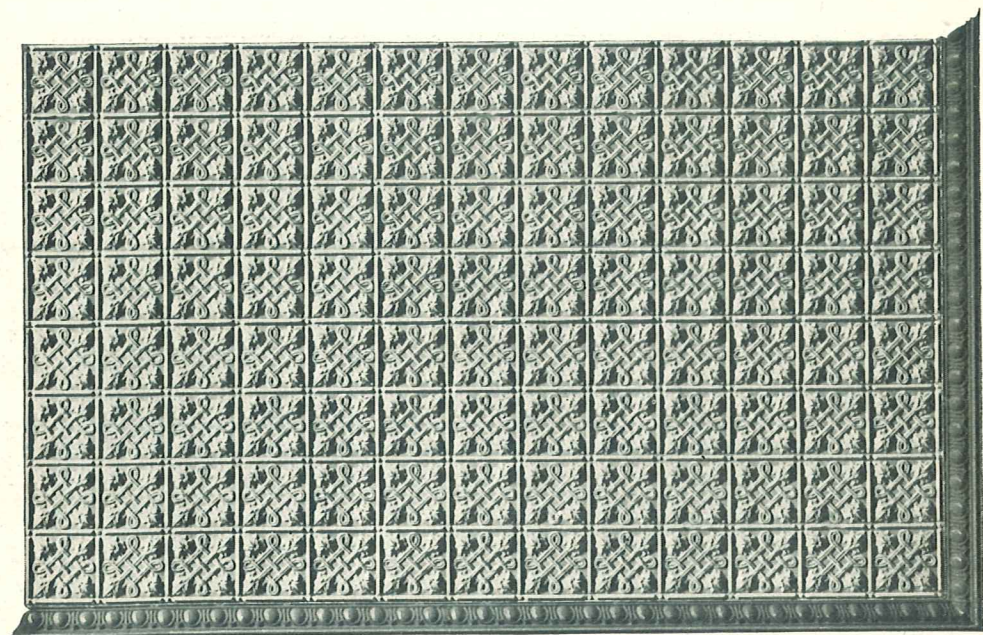
Ceiling Design No. 3739
Composed of Plate No. 620, Border No. 1580, Filler and Mould No 755
Colonial Cornice, and Center made of Border Mitres No. 1580



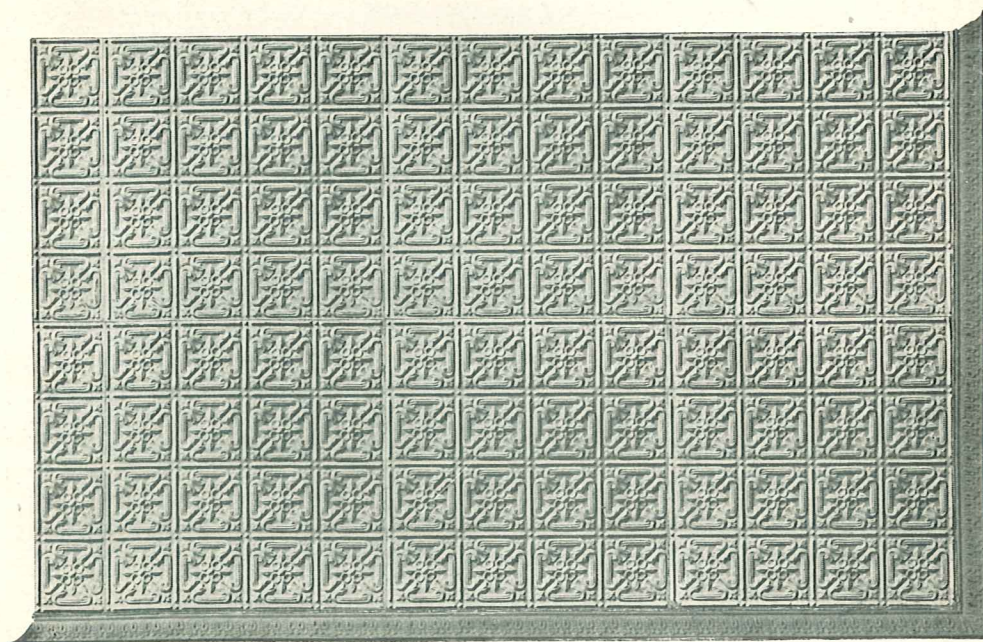
Ceiling Design No. 3707
 Composed of Plate No. 625, and Cornice No. 905



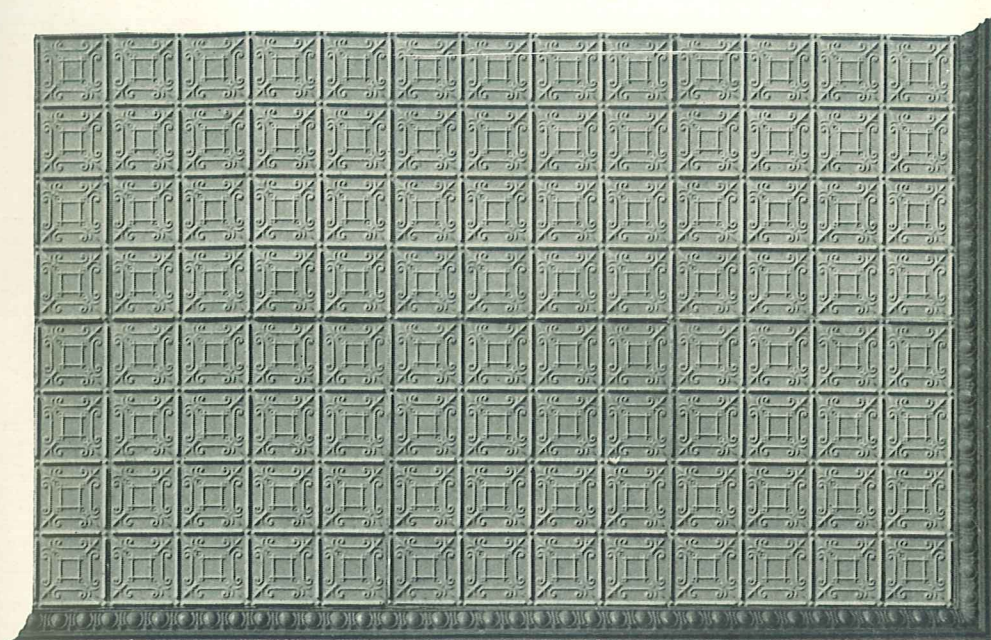
Ceiling Design No. 3760
 Composed of Plate No. 600, Filler No. 700, and Cornice No. 925



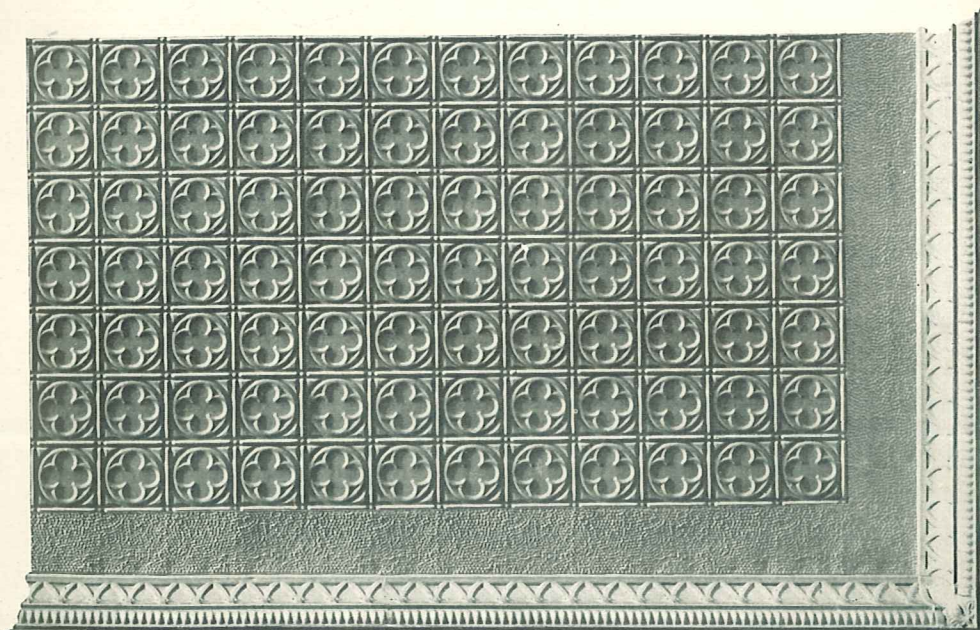
Ceiling Design No. 3784
 Composed of Plate No. 635, and Cornice No. 902



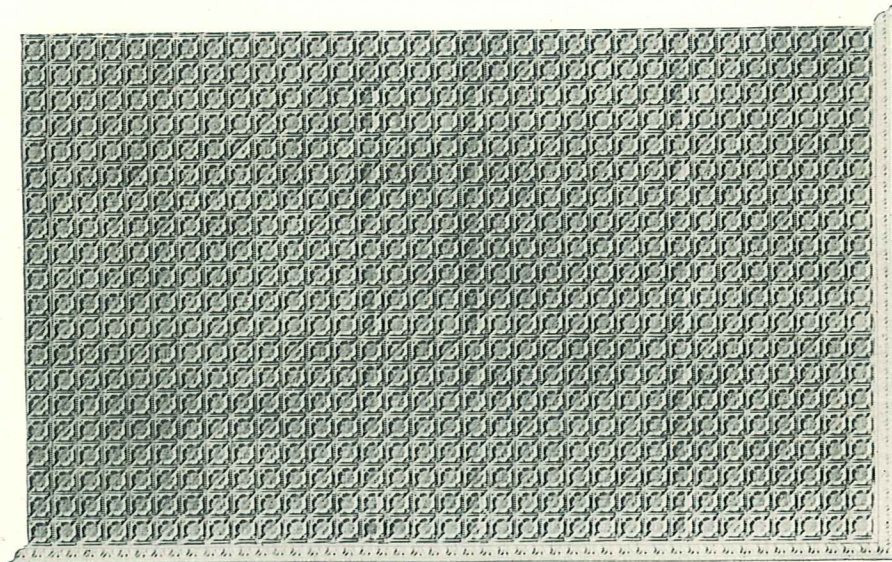
Ceiling Design No. 3699
 Combination design illustrating Plate No. 640



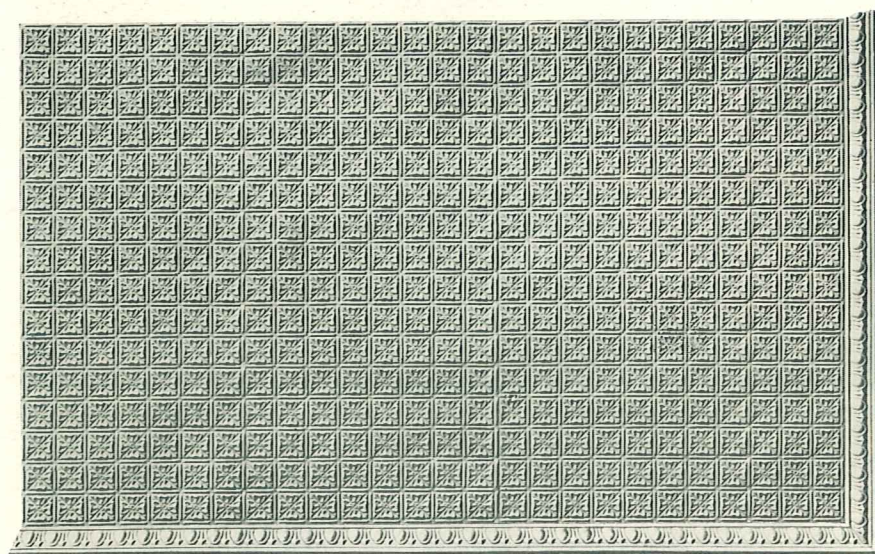
Ceiling Design No. 3757
Composed of Plate No. 610, and Cornice No. 902



Ceiling Design No. 3758
Composed of Plate No. 630, Filler No. 700, and Cornice No. 939



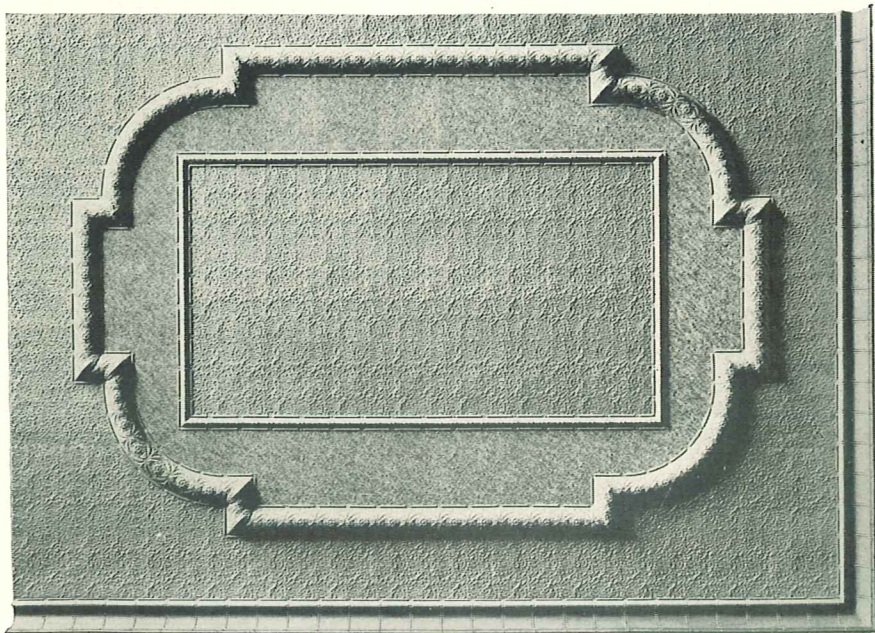
Ceiling Design No. 3755
 Composed of Plate No. 305, and Cornice No. 902



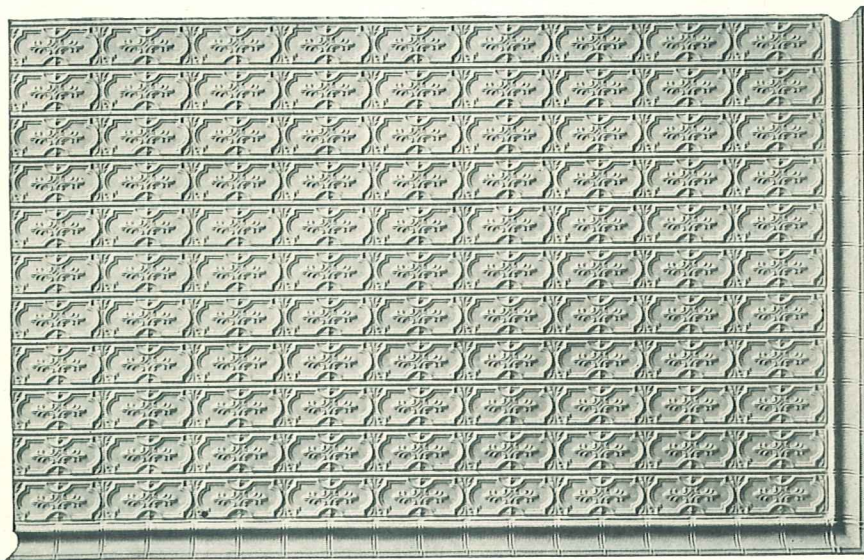
Ceiling Design No. 3704
 Composed of Plate No. 315, and Cornice No. 902



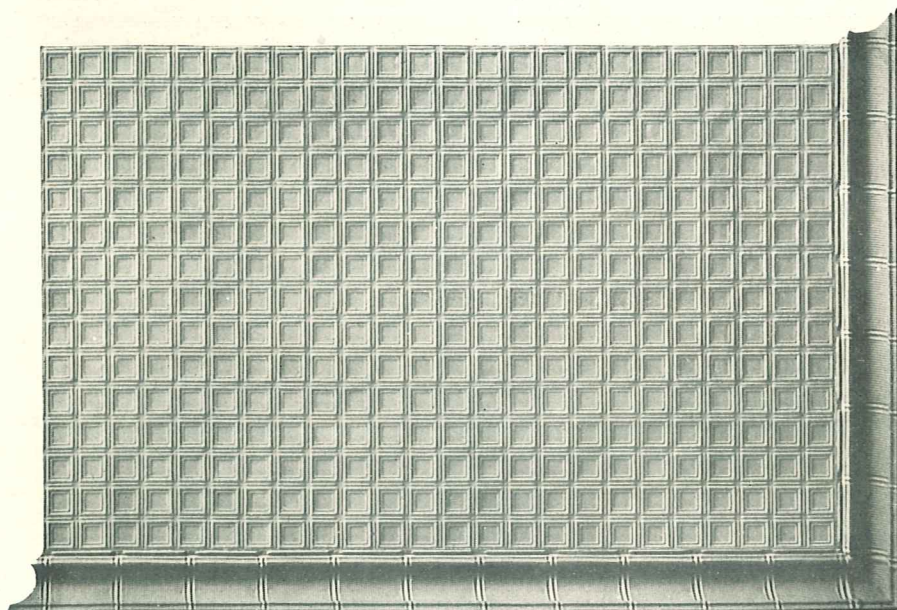
Ceiling Design No. 3702
 Composed of Stucco Plate No. 780
 Moulding No. 1115, and Cornice No. 915. Center No. 1465



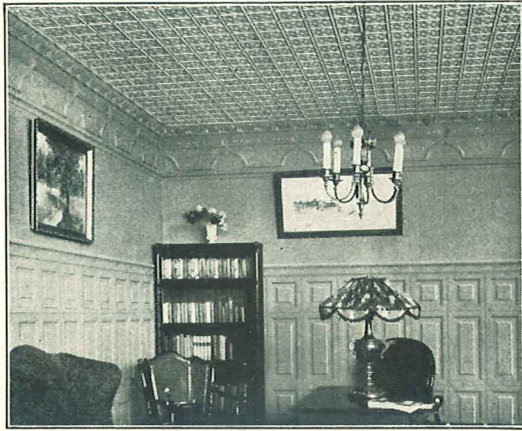
Ceiling Design No. 3700
 Composed of Stucco Plate No. 780, Filler No. 700, Moulding No. 1100,
 Moulding No. 1165, and Cornice No. 915



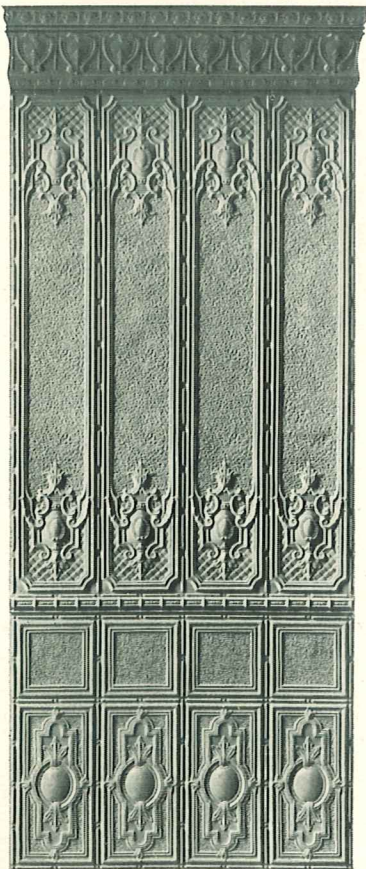
Ceiling Design No. 3545
 Composed of Plate No. 870, and Cornice No. 915



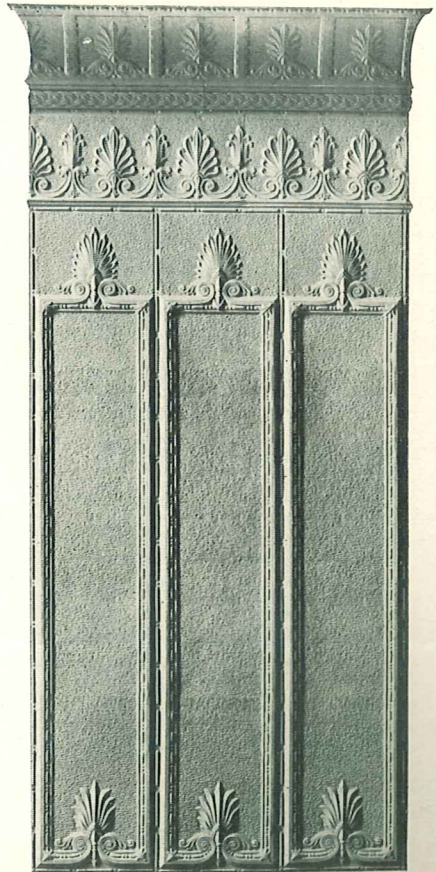
Ceiling Design No. 3783
 Composed of Plate No. 300 and Cornice No. 915



Steel Ceilings, Sidewalls and Wainscoting in Library



Side Wall Design No. 3779



Side Wall Design No. 3780



Plate No. 2405. For Dining Halls or Confectionery Parlors. (See page 16)

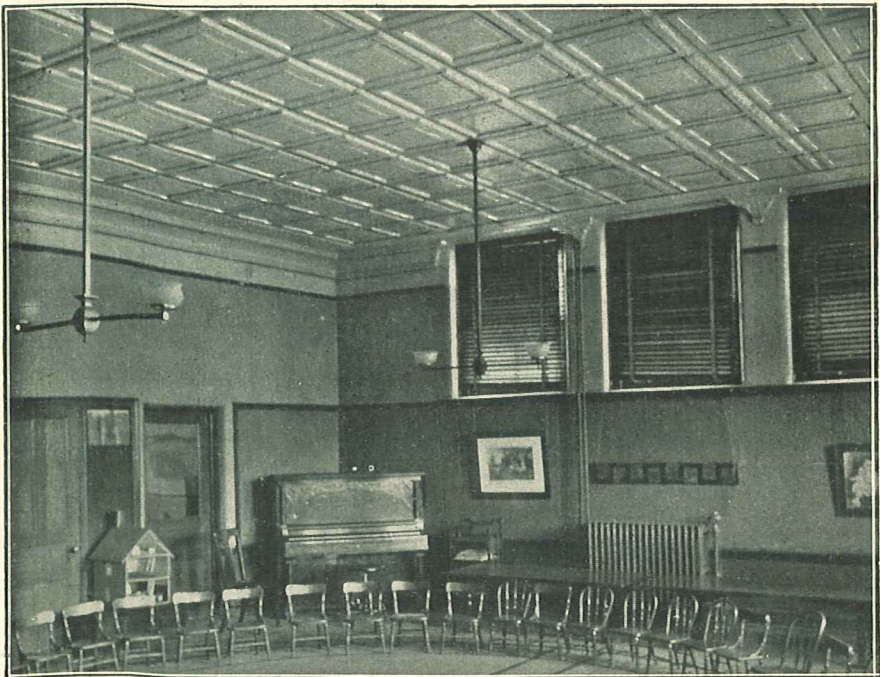
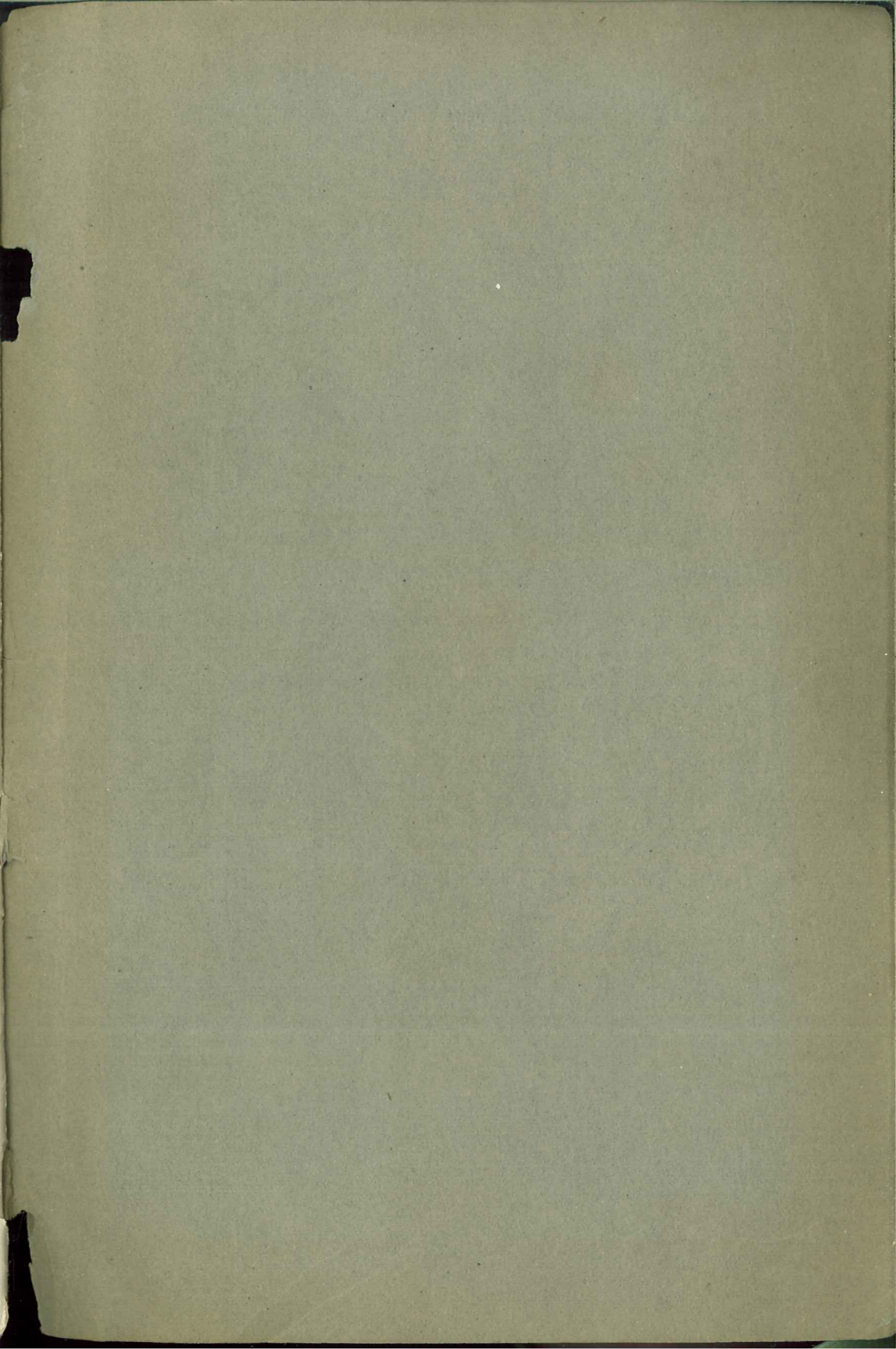


Plate No. 2405 in Kindergarten. (See page 16.)



Raupe